

Converting Colors

XYZ(75.7137, 79.9619, 92.6981)

Have a look what the booklet for
XYZ(75.7137, 79.9619, 92.6981)
contains.

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Color

**XYZ(75.6533, 80.0550,
92.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E8EE
RGB	226, 232, 238
RGB Percent	89%, 91%, 93%
CMY	0.1137, 0.0902, 0.0667
CMYK	0.05, 0.03, 0.00, 0.07
HSL	210°, 26%, 91%
HSV	210°, 5%, 93%
XYZ	75.6533, 80.0550, 92.3537
YIQ	230.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

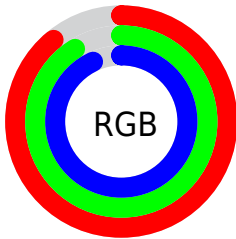
Format	Color
R _Y B	226, 230, 238
Decimal	14870766
CIE Lab	91.71, -0.89, -3.61
CIE LCh	92, 3.721, 256.168
Yxy	80.0550, 0.3050, 0.3227
Android (android.graphics.Color)	4293060846 (0xFFE2E8EE)
YUV	230.8900, 3.5052, -4.2885
Hunter-Lab	89.4735, -5.6498, 1.4328

Details

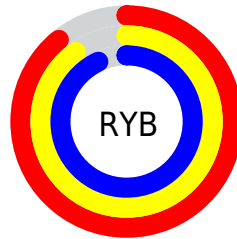
The XYZ color **75.6533, 80.0550, 92.3537** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.8443, 81.3808, 83.5582**, and the grayscale version is **75.8535, 79.8038, 86.9063**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7634, 43.0860, 50.4239** is the 20% darker color. If you saturate the color by 10%, you get **65.4672, 70.0031, 90.9516**, and if you desaturate by 10%, it is **87.1065, 91.1009, 93.8833**.

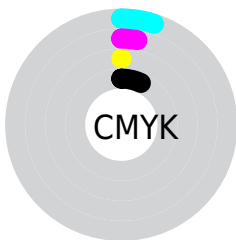
Distribution



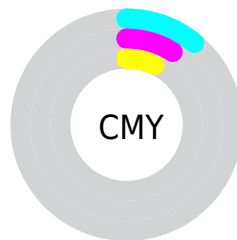
- Red (89%)
- Green (91%)
- Blue (93%)



- Red (89%)
- Yellow (90%)
- Blue (93%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6533, 80.0550, 92.3537 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.6533, 80.0550, 92.3537 by changing the saturation by 10% instead.

■ 75.6533, 80.0550,
92.3537

■ 75.6533, 80.0550,
92.3537

469.1227,
495.1182, 556.4244

■ 56.4443, 59.7636,
69.3498

126.2197,
133.4431, 152.5675

■ 40.7977, 43.2281,
50.5231

158.3078,
167.3085, 190.6144

■ 28.3480, 30.0642,
35.4551

195.4196,
206.4675, 234.5127

■ 18.7299, 19.8873,
23.7273

237.9206,
251.3043, 284.6810

■ 11.5781, 12.3131,
14.9211

286.1761,
302.2034, 341.5378

■ 6.5273, 6.9573,
8.6180

340.5513,

■ 3.2119, 3.4354,

359.5491, 405.5016

4.3995

401.4117,
423.7259, 476.9909

■ 1.2668, 1.3631,
1.8470

■ 0.1582, 0.1893,
0.4587

■ 75.6533, 80.0550,
92.3537

■ 75.6533, 80.0550,
92.3537

■ 65.4672, 70.0031,
90.9516

■ 87.1065, 91.1009,
93.8833

■ 56.4945, 60.9043,
89.6682

■ 92.4328, 98.9531,
95.1183

■ 48.6875, 52.7293,
88.5018

■ 41.9927, 45.4435,
87.4483

■ 36.3518, 39.0098,
86.5038

■ 31.7010, 33.3875,
85.6637

■ 27.9687, 28.5320,
84.9232

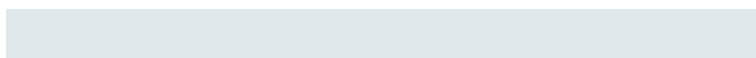
■ 25.0723, 24.3925,
84.2769

■ 22.9111, 20.9086,
83.7183

Harmonies

Analogous

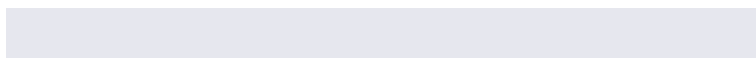
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8298, 80.0550, 91.0010



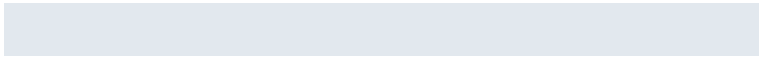
75.6533, 80.0550, 92.3537



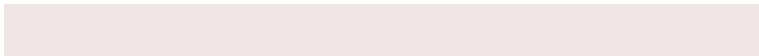
76.6005, 80.0550, 92.2963

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6533, 80.0550, 92.3537



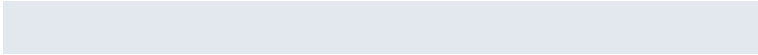
77.8606, 80.0550, 85.7154



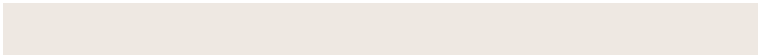
74.7777, 80.0550, 83.5876

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



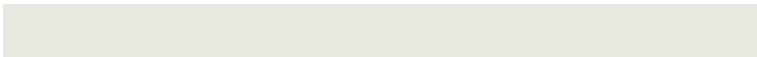
75.6533, 80.0550, 92.3537



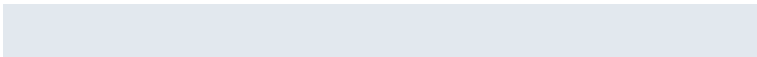
77.8443, 81.3808, 83.5582

Split Complementary

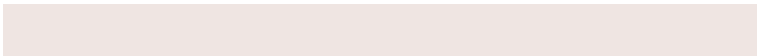
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5816, 80.0550, 82.2300



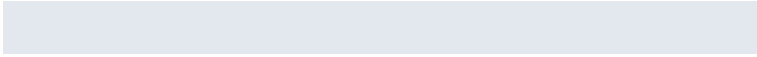
75.6533, 80.0550, 92.3537



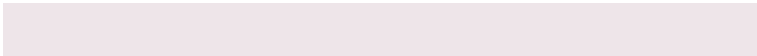
77.3640, 80.0550, 83.4409

Square

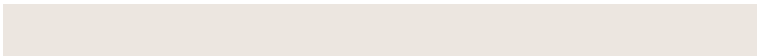
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



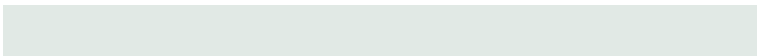
75.6533, 80.0550, 92.3537



77.8802, 80.0550, 88.4250



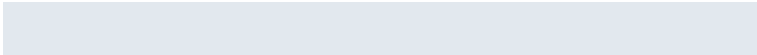
76.5281, 80.0550, 82.1768



74.3272, 80.0550, 85.9196

Rectangle

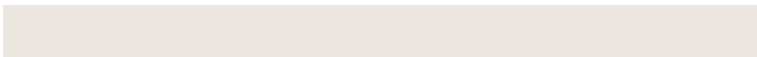
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



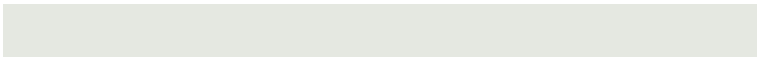
75.6533, 80.0550, 92.3537



77.1747, 80.0550, 91.4651



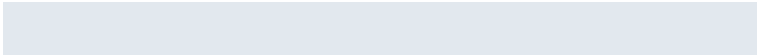
76.5281, 80.0550, 82.1768



75.0153, 80.0550, 83.0043

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.6556, 80.0584, 92.3555



92.3909, 97.4302, 108.5441



76.4770, 83.1340, 88.2121



19.8033, 20.8811, 23.2367



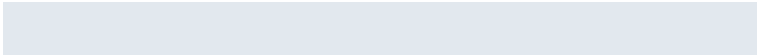
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6556, 80.0584, 92.3555



87.2527, 92.4313, 107.8501



74.0488, 76.8449, 91.8199



16.2007, 17.1739, 20.1826



12.4243, 11.0728, 46.6103



1.1331, 1.1202, 3.9107

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.0236, 78.3977, 87.4205



89.1551, 90.1410, 100.9827



79.5050, 84.7021, 84.1117



16.5923, 16.7050, 18.7687



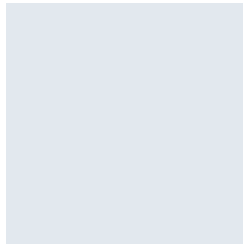
21.5968, 10.9112, 11.0594



1.8469, 0.9278, 1.1845

Previews

White Background



This preview shows how the XYZ color 75.6533, 80.0550, 92.3537 looks on a white background.

Color Contrast Check

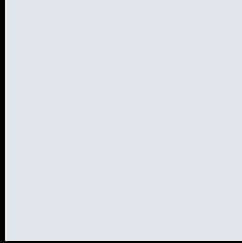
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.6533, 80.0550, 92.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

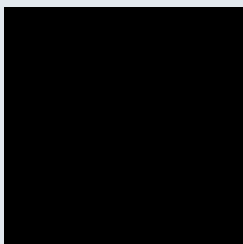
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

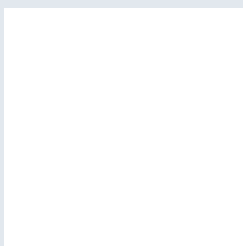
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6533, 80.0550, 92.3537

Background



This preview shows how black text looks on a background with the XYZ color 75.6533, 80.0550, 92.3537.



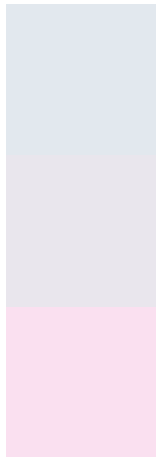
This preview shows how white text looks on a background with the XYZ color 75.6533, 80.0550,

92.3537.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.6533, 80.0550, 92.3537

Protanopia

77.1871, 80.0317, 91.5002

Deuteranopia

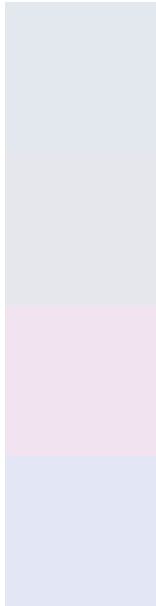
81.8082, 79.9266, 93.5537



Tritanopia

77.3906, 79.9272, 100.9711

Trichromacy



Original Color

75.6533, 80.0550, 92.3537

Protanomaly

76.4951, 80.0892, 91.5478

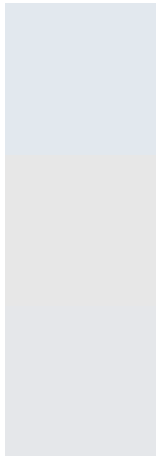
Deuteranomaly

79.3247, 79.8709, 92.8971

Tritanomaly

76.7359, 80.0753, 97.7979

Monochromacy



Original Color

75.6533, 80.0550, 92.3537

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.7403, 79.7504, 89.2433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6533, 80.0550, 92.3537 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(226, 232, 238) looks like.

```
.text, #text, p{  
    color:rgb(226, 232, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 232, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 232, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.6533, 80.0550, 92.3537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 232, 238) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 232, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 232, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 232, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 232, 238); box-shadow:4px 4px 4px 4px rgb(226, 232, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6533, 80.0550, 92.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 232, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
232, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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