

Converting Colors

XYZ(75.5741, 82.6144, 94.9669)

Have a look what the booklet for
XYZ(75.5741, 82.6144, 94.9669)
contains.

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Color

**XYZ(75.6651, 82.5600,
95.1668)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEEF1
RGB	219, 238, 241
RGB Percent	86%, 93%, 95%
CMY	0.1412, 0.0666, 0.0549
CMYK	0.09, 0.01, 0.00, 0.05
HSL	188°, 44%, 90%
HSV	188°, 9%, 95%
XYZ	75.6651, 82.5600, 95.1668
YIQ	232.6610, -12.2870, -3.0950

Conversions

Conversions Part 2

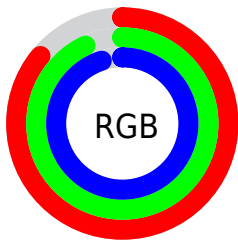
Format	Color
R _{YB}	219, 229, 241
Decimal	14413553
CIE Lab	92.82, -5.66, -3.60
CIE LCh	93, 6.706, 212.459
Yxy	82.5600, 0.2986, 0.3258
Android (android.graphics.Color)	4292603633 (0xFFDBEEF1)
YUV	232.6610, 4.1111, -11.9807
Hunter-Lab	90.8625, -10.3649, 1.5051

Details

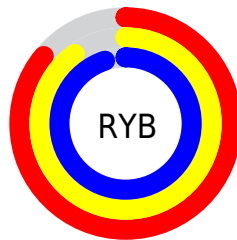
The XYZ color **75.6651, 82.5600, 95.1668** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1834, 76.0572, 77.7370**, and the grayscale version is **77.1759, 81.1951, 88.4214**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7947, 44.8512, 52.4060** is the 20% darker color. If you saturate the color by 10%, you get **67.9867, 77.1980, 94.5378**, and if you desaturate by 10%, it is **84.4153, 88.5049, 95.8544**.

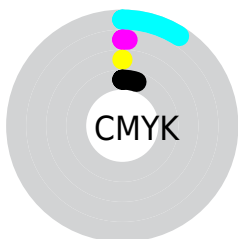
Distribution



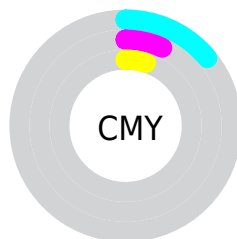
- Red (86%)
- Green (93%)
- Blue (95%)



- Red (86%)
- Yellow (90%)
- Blue (95%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6651, 82.5600, 95.1668 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 75.6651, 82.5600, 95.1668 by changing the saturation by 10% instead.

■ 75.6651, 82.5600,
95.1668

■ 75.6651, 82.5600,
95.1668

469.1625,
503.5189, 565.6968

■ 56.4540, 61.8272,
71.6762

126.2363,
136.9590, 156.4926

■ 40.8055, 44.8931,
52.4090

158.3271,
171.3941, 195.1648

■ 28.3541, 31.3732,
36.9467

195.4419,
211.1654, 239.7346

■ 18.7346, 20.8832,
24.8707

237.9459,
256.6573, 290.6206

■ 11.5815, 13.0387,
15.7626

286.2047,
308.2542, 348.2413

■ 6.5296, 7.4552,
9.2038

340.5835,

■ 3.2134, 3.7484,

366.3405, 413.0152

4.7757

401.4476,
431.3006, 485.3608

■ 1.2676, 1.5338,
2.0599

■ 0.1588, 0.3124,
0.5917

■ 75.6651, 82.5600,
95.1668

■ 75.6651, 82.5600,
95.1668

■ 67.9867, 77.1980,
94.5378

■ 84.4153, 88.5049,
95.8544

■ 61.3281, 72.3853,
93.9598

■ 89.6400, 92.6560,
96.3803

■ 55.6434, 68.1002,
93.4323

■ 90.6395, 94.6552,
96.7135

■ 50.8804, 64.3157,
92.9529

■ 91.6568, 96.6898,
97.0525

■ 46.9820, 61.0022,
92.5188

■ 92.6919, 98.7599,
97.3976

■ 43.8844, 58.1268,
92.1270

■ 92.8774, 99.1310,
97.4594

■ 41.5153, 55.6519,
91.7742

■ 39.7885, 53.5331,
91.4562

■ 38.5727, 51.7025,
91.1670

Harmonies

Analogous

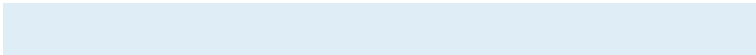
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1561, 82.5600, 90.3080



75.6651, 82.5600, 95.1668



76.9249, 82.5600, 98.7141

Triad

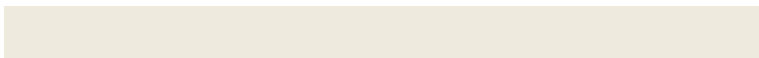
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6651, 82.5600, 95.1668



81.4930, 82.5600, 94.4247



78.3265, 82.5600, 80.6036

Complementary

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



75.6651, 82.5600, 95.1668



75.1834, 76.0572, 77.7370

Split Complementary

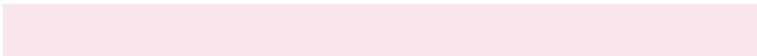
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0373, 82.5600, 81.6152



75.6651, 82.5600, 95.1668



81.8816, 82.5600, 89.4809

Square

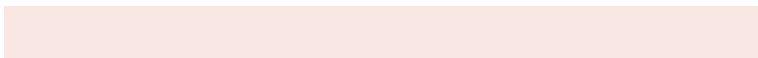
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6651, 82.5600, 95.1668



80.2910, 82.5600, 98.2746



81.3450, 82.5600, 84.8193



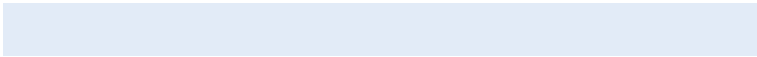
76.6783, 82.5600, 82.0036

Rectangle

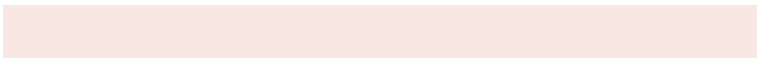
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



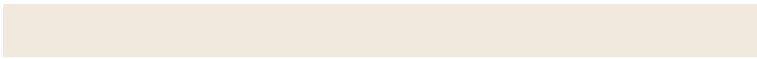
75.6651, 82.5600, 95.1668



78.0299, 82.5600, 99.7919



81.3450, 82.5600, 84.8193



78.9133, 82.5600, 80.6729

Sweetspot

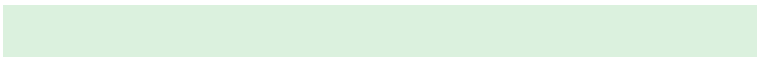
The Sweet Spot groups the original color and five complimentary colors.



75.6675, 82.5635, 95.1686



91.9598, 97.9149, 108.6604



73.8459, 83.2424, 81.2370



19.5105, 20.8407, 23.2443



0.0000, 0.0000, 0.0000



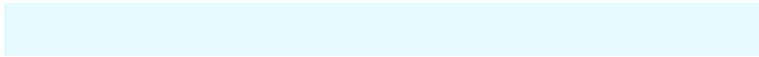
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6675, 82.5635, 95.1686



84.2661, 92.6494, 108.0496



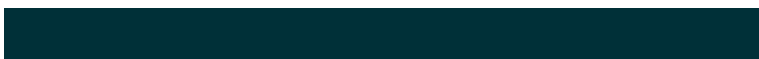
72.5792, 76.3869, 94.1392



16.0531, 17.5403, 20.2611



20.9382, 28.1007, 49.4483



1.7921, 2.4382, 4.1304

Inverse Universe

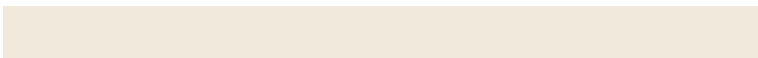
The Inverse Universe completely reimagines the original color for something new.



77.0416, 75.5384, 91.4128



86.1363, 83.1472, 102.9244



78.1832, 82.0567, 78.7369



16.3562, 15.9922, 19.4322



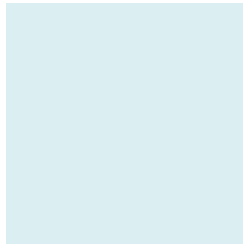
25.8943, 12.6301, 33.6894



2.1795, 1.0608, 2.9361

Previews

White Background



This preview shows how the XYZ color 75.6651, 82.5600, 95.1668 looks on a white background.

Color Contrast Check

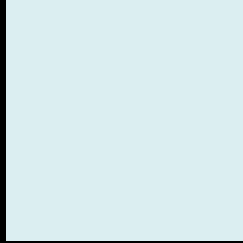
Large Text (above 18pt) WCAG AA × Fail

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 75.6651, 82.5600, 95.1668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

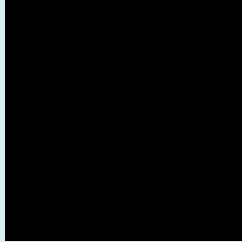
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

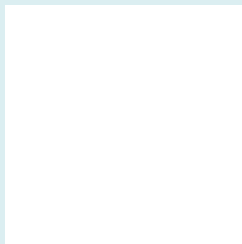
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6651, 82.5600, 95.1668

Background



This preview shows how black text looks on a background with the XYZ color 75.6651, 82.5600, 95.1668.



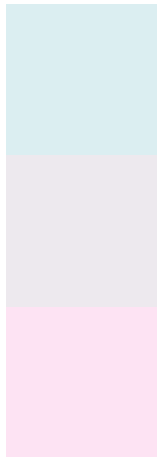
This preview shows how white text looks on a background with the XYZ color 75.6651, 82.5600,

95.1668.

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

75.6651, 82.5600, 95.1668

Protanopia

79.4966, 82.4554, 92.6145

Deuteranopia

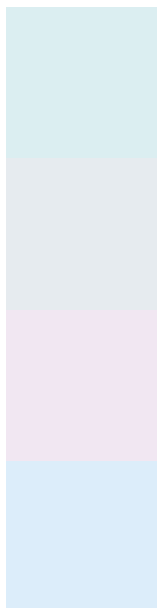
84.1548, 82.2919, 96.2425



Tritanopia

77.8642, 82.5831, 106.4440

Trichromacy



Original Color

75.6651, 82.5600, 95.1668

Protanomaly

77.9214, 82.4717, 93.4731

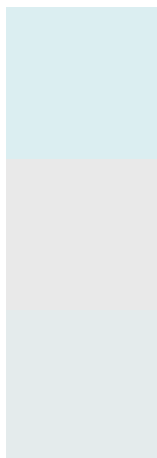
Deuteranomaly

80.8786, 82.2634, 95.6201

Tritanomaly

77.0547, 82.6861, 102.3413

Monochromacy



Original Color

75.6651, 82.5600, 95.1668

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8436, 81.9668, 91.1280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6651, 82.5600, 95.1668 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(219, 238, 241)` looks like.

```
.text, #text, p{  
    color:rgb(219, 238, 241)  
}
```

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(219, 238, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 238, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.6651, 82.5600, 95.1668 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(219, 238, 241) }
```


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

```
.border{ border-color:rgb(219, 238, 241) }
```

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

Here you see how a box with a 4 pixel rgb(219, 238, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 238, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 238, 241);  
box-shadow:4px 4px 4px 4px rgb(219, 238,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6651, 82.5600, 95.1668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 238, 241) }
```

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

```
.background{ background-color: rgb(219,  
238, 241) }
```

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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