

Converting Colors

XYZ(75.1646, 81.4235, 92.8282)

Have a look what the booklet for
XYZ(75.1646, 81.4235, 92.8282)
contains.

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Color

**XYZ(75.2469, 81.5361,
92.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	DDECEE
RGB	221, 236, 238
RGB Percent	87%, 93%, 93%
CMY	0.1333, 0.0745, 0.0667
CMYK	0.07, 0.01, 0.00, 0.07
HSL	187°, 33%, 90%
HSV	187°, 7%, 93%
XYZ	75.2469, 81.5361, 92.6610
YIQ	231.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

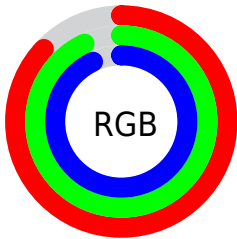
Format	Color
R _Y B	221, 229, 238
Decimal	14544110
CIE Lab	92.37, -4.57, -2.68
CIE LCh	92, 5.297, 210.451
Yxy	81.5361, 0.3017, 0.3269
Android (android.graphics.Color)	4292734190 (0xFFDDECEE)
YUV	231.7430, 3.0847, -9.4216
Hunter-Lab	90.2973, -9.2721, 2.3661

Details

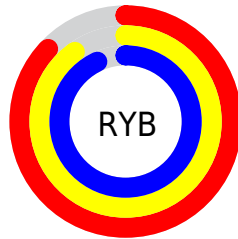
The XYZ color **75.2469, 81.5361, 92.6610** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **74.6991, 76.1725, 79.1738**, and the grayscale version is **76.4944, 80.4780, 87.6406**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4906, 44.1269, 50.6392** is the 20% darker color. If you saturate the color by 10%, you get **67.7102, 76.4677, 92.0812**, and if you desaturate by 10%, it is **83.8281, 87.1662, 93.2967**.

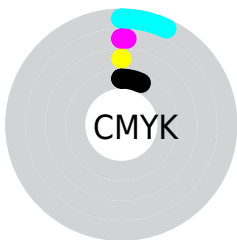
Distribution



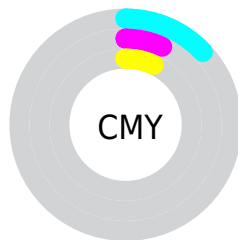
- Red (87%)
- Green (93%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2469, 81.5361, 92.6610 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 75.2469, 81.5361, 92.6610 by changing the saturation by 10% instead.

■ 75.2469, 81.5361,
92.6610

■ 75.2469, 81.5361,
92.6610

467.7499,
500.0946, 557.4414

■ 56.1101, 60.9832,
69.6037

125.6478,
135.5233, 152.9968

■ 40.5285, 44.2116,
50.7287

157.6427,
169.7263, 191.1124

■ 28.1369, 30.8369,
35.6175

194.6542,
209.2483, 235.0845

■ 18.5699, 20.4747,
23.8516

237.0478,
254.4735, 285.3316

■ 11.4621, 12.7406,
15.0124

285.1888,
305.7863, 342.2724

■ 6.4481, 7.2501,
8.6814

339.4426,

■ 3.1626, 3.6190,

363.5712, 406.3252

4.4400

400.1745,
428.2125, 477.9087

■ 1.2403, 1.4628,
1.8697

■ 0.1379, 0.2623,
0.4733

■ 75.2469, 81.5361,
92.6610

■ 75.2469, 81.5361,
92.6610

■ 67.7102, 76.4677,
92.0812

■ 83.8281, 87.1662,
93.2967

■ 61.1679, 71.9283,
91.5498

■ 88.3046, 90.6967,
93.7422

■ 55.5764, 67.8975,
91.0665

■ 89.1411, 92.3696,
94.0210

■ 50.8858, 64.3497,
90.6289

■ 89.9903, 94.0680,
94.3041

■ 47.0418, 61.2566,
90.2345

■ 90.8523, 95.7920,
94.5914

■ 43.9842, 58.5873,
89.8804

■ 91.7272, 97.5418,
94.8831

■ 41.6446, 56.3062,
89.5634

■ 92.4329, 98.9531,
95.1183

■ 39.9429, 54.3721,
89.2798

■ 38.7751, 52.7312,
89.0246

Harmonies

Analogous

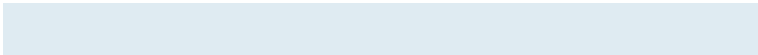
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8909, 81.5361, 88.8384



75.2469, 81.5361, 92.6610



76.2046, 81.5361, 95.5111

Triad

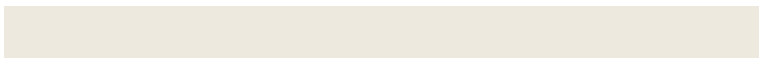
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2469, 81.5361, 92.6610



79.8139, 81.5361, 92.5551



77.4769, 81.5361, 81.4404

Complementary

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



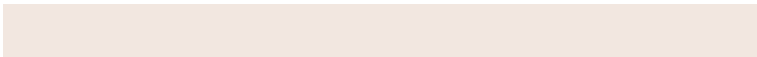
75.2469, 81.5361, 92.6610



74.6991, 76.1725, 79.1738

Split Complementary

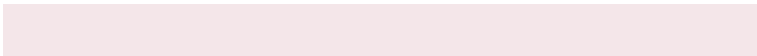
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8052, 81.5361, 82.3709



75.2469, 81.5361, 92.6610



80.1641, 81.5361, 88.7195

Square

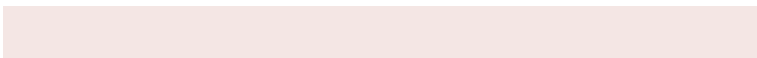
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2469, 81.5361, 92.6610



78.8415, 81.5361, 95.4486



79.7928, 81.5361, 85.0069



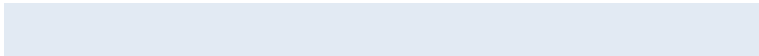
76.1691, 81.5361, 82.4274

Rectangle

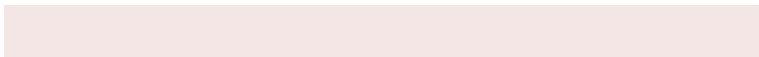
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2469, 81.5361, 92.6610



77.0611, 81.5361, 96.4353



79.7928, 81.5361, 85.0069



77.9358, 81.5361, 81.5390

Sweetspot

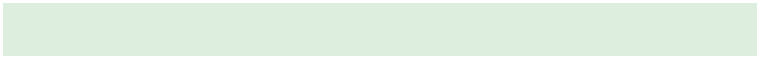
The Sweet Spot groups the original color and five complimentary colors.



75.2492, 81.5395, 92.6628



93.0077, 98.6640, 108.7498



73.7117, 81.8494, 81.7152



19.9289, 21.1322, 23.2785



0.0000, 0.0000, 0.0000



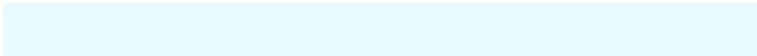
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2492, 81.5395, 92.6628



86.2512, 94.1966, 108.2436



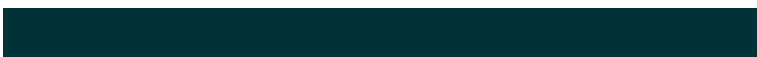
72.8634, 76.7679, 91.8675



16.0797, 17.5935, 20.2700



21.5370, 29.2983, 49.6479



1.8361, 2.5262, 4.1450

Inverse Universe

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



76.2585, 75.9478, 90.0010



87.7297, 86.0490, 104.3342



77.0237, 80.8218, 79.9486



16.3697, 15.9976, 19.5028



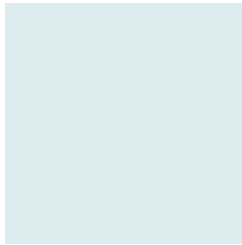
26.1965, 12.7510, 35.2810



2.2017, 1.0697, 3.0531

Previews

White Background



This preview shows how the XYZ color 75.2469, 81.5361, 92.6610 looks on a white background.

Color Contrast Check

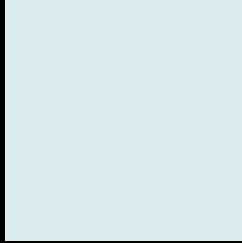
Large Text (above 18pt) WCAG AA × Fail

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 75.2469, 81.5361, 92.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

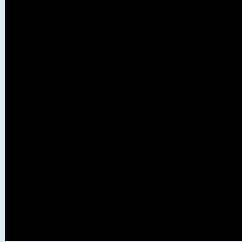
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

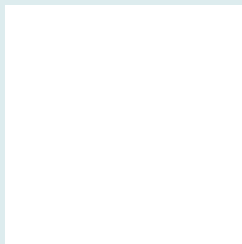
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2469, 81.5361, 92.6610

Background



This preview shows how black text looks on a background with the XYZ color 75.2469, 81.5361, 92.6610.



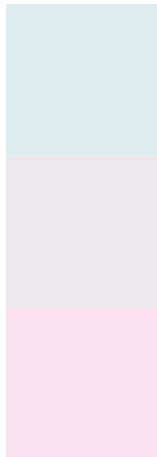
This preview shows how white text looks on a background with the XYZ color 75.2469, 81.5361,

92.6610.

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

75.2469, 81.5361, 92.6610

Protanopia

78.4441, 81.5443, 90.2024

Deuteranopia

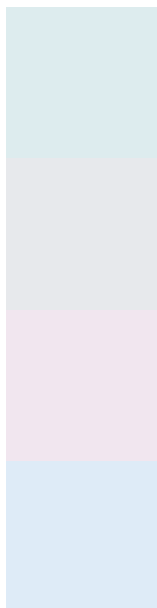
83.0694, 81.3794, 93.7676



Tritanopia

77.4249, 81.5619, 103.7577

Trichromacy



Original Color

75.2469, 81.5361, 92.6610

Protanomaly

77.2342, 81.3229, 90.9831

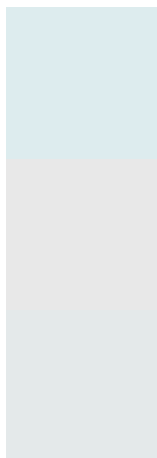
Deuteranomaly

80.1524, 81.5264, 93.1730

Tritanomaly

76.6210, 81.6617, 99.7196

Monochromacy



Original Color

75.2469, 81.5361, 92.6610

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9851, 80.7123, 89.4161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2469, 81.5361, 92.6610 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(221, 236, 238) looks like.

```
.text, #text, p{  
    color:rgb(221, 236, 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(221, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 236, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.2469, 81.5361, 92.6610 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(221, 236, 238) }
```


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

```
.border{ border-color:rgb(221, 236, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 236, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(221, 236,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2469, 81.5361, 92.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 236, 238) }
```

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

```
.background{ background-color: rgb(221,  
236, 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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