

Converting Colors

XYZ(64.9881, 66.3903, 78.6711)

Have a look what the booklet for
XYZ(64.9881, 66.3903, 78.6711)
contains.

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Color

**XYZ(65.0944, 66.6142,
78.5342)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D3DE
RGB	217, 211, 222
RGB Percent	85%, 83%, 87%
CMY	0.1490, 0.1725, 0.1294
CMYK	0.02, 0.05, 0.00, 0.13
HSL	273°, 14%, 85%
HSV	273°, 5%, 87%
XYZ	65.0944, 66.6142, 78.5342
YIQ	214.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

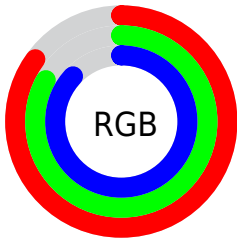
Format	Color
R _Y B	217, 211, 222
Decimal	14275550
CIE Lab	85.31, 4.05, -4.69
CIE LCh	85, 6.200, 310.828
Yxy	66.6142, 0.3096, 0.3168
Android (android.graphics.Color)	4292465630 (0xFFD9D3DE)
YUV	214.0480, 3.9203, 2.5889
Hunter-Lab	81.6175, -0.4672, 0.0821

Details

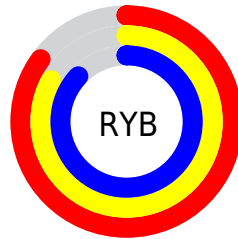
The XYZ color **65.0944, 66.6142, 78.5342** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2005, 71.5464, 71.9521**, and the grayscale version is **63.9249, 67.2540, 73.2396**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9323, 34.5853, 41.4464** is the 20% darker color. If you saturate the color by 10%, you get **57.0471, 54.8375, 76.6862**, and if you desaturate by 10%, it is **74.0907, 80.0145, 80.6476**.

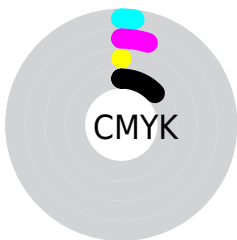
Distribution



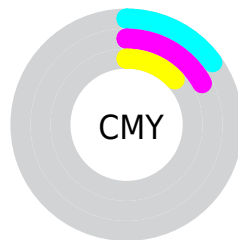
- Red (85%)
- Green (83%)
- Blue (87%)



- Red (85%)
- Yellow (83%)
- Blue (87%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0944, 66.6142, 78.5342 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 65.0944, 66.6142, 78.5342 by changing the saturation by 10% instead.

■ 65.0944, 66.6142,
78.5342

■ 65.0944, 66.6142,
78.5342

432.6710,
448.5703, 509.5550

■ 47.8026, 48.7712,
57.9939

111.2505,
114.3674, 133.0956

■ 33.8812, 34.4380,
41.3890

140.8456,
145.0464, 167.9538

■ 22.9648, 23.2303,
28.3012

175.2724,
180.7728, 208.4216

■ 14.6881, 14.7636,
18.3118

214.8964,
221.9311, 254.9177

■ 8.6856, 8.6537,
11.0023

260.0829,
268.9055, 307.8605

■ 4.5922, 4.5160,
5.9542

311.1972,

■ 2.0423, 1.9662,

322.0806, 367.6687

2.7489

368.6048,
381.8408, 434.7607

■ 0.6576, 0.5877,
0.9679

■ 0.0000, 0.0000,
0.0000

■ 65.0944, 66.6142,
78.5342

■ 65.0944, 66.6142,
78.5342

■ 57.0471, 54.8375,
76.6862

■ 74.0907, 80.0145,
80.6476

■ 49.9088, 44.6121,
75.0887

■ 83.9333, 94.8311,
82.9887

■ 43.6449, 35.8729,
73.7321

■ 87.4026, 96.6196,
83.1511

■ 38.2162, 28.5467,
72.6041

■ 90.1850, 98.0540,
83.2813

■ 33.5805, 22.5539,
71.6917

■ 29.6910, 17.8068,
70.9804

■ 26.4956, 14.2068,
70.4539

■ 23.9344, 11.6396,
70.0934

■ 21.9345, 9.9657,
69.8757

Harmonies

Analogous

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



63.8228, 66.6142, 80.3852



65.0944, 66.6142, 78.5342



65.8964, 66.6142, 75.0977

Triad

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



65.0944, 66.6142, 78.5342



64.2046, 66.6142, 65.4781



60.7027, 66.6142, 73.9922

Complementary

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



65.0944, 66.6142, 78.5342



66.2005, 71.5464, 71.9521

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.



60.8015, 66.6142, 70.0245



65.0944, 66.6142, 78.5342



62.8095, 66.6142, 65.2068

Square

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



65.0944, 66.6142, 78.5342



65.3775, 66.6142, 67.5982



61.5679, 66.6142, 66.8428



61.2960, 66.6142, 77.6993

Rectangle

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



65.0944, 66.6142, 78.5342



66.0498, 66.6142, 72.4200



61.5679, 66.6142, 66.8428



60.6563, 66.6142, 72.6432

Sweetspot

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



65.0963, 66.6171, 78.5357



93.8166, 98.1646, 108.6107



64.6413, 68.3055, 78.8855



20.0936, 21.0306, 23.2502



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.



65.0963, 66.6171, 78.5357



87.8487, 89.3281, 107.2197



66.5561, 67.3753, 78.3478



14.1821, 14.3725, 17.4144



12.6502, 5.6167, 41.4658



0.9797, 0.4423, 2.8790

Inverse Universe

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



65.8155, 67.0790, 74.4477



89.0474, 90.0979, 100.4153



64.7916, 70.8147, 72.1263



14.3951, 14.5093, 16.2061



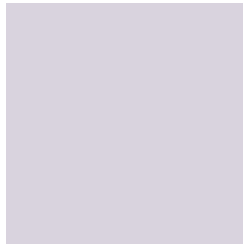
19.3411, 9.8035, 8.4621



1.3854, 0.6974, 0.8221

Previews

White Background



This preview shows how the XYZ color 65.0944, 66.6142, 78.5342 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 65.0944, 66.6142, 78.5342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

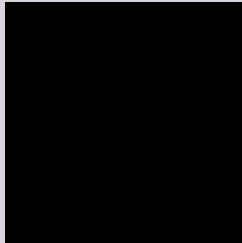
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

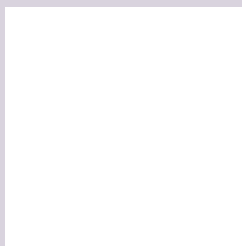
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0944, 66.6142, 78.5342

Background



This preview shows how black text looks on a background with the XYZ color 65.0944, 66.6142, 78.5342.

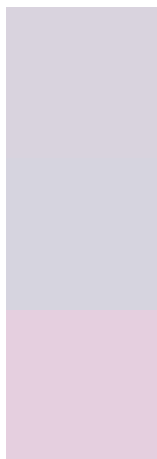


This preview shows how white text looks on a background with the XYZ color 65.0944, 66.6142,

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

65.0944, 66.6142, 78.5342

Protanopia

64.5943, 66.7108, 79.2840

Deuteranopia

67.9452, 66.6114, 79.0882



Tritanopia

65.8252, 66.5447, 82.0481

Trichromacy



Original Color

65.0944, 66.6142, 78.5342

Protanomaly

64.8871, 66.8618, 79.2977

Deuteranomaly

66.9265, 66.4470, 79.1102

Tritanomaly

65.5506, 66.4349, 80.6025

Monochromacy



Original Color

65.0944, 66.6142, 78.5342

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.3430, 67.0453, 75.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0944, 66.6142, 78.5342 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(217, 211, 222) looks like.

```
.text, #text, p{  
    color:rgb(217, 211, 222)  
}
```

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(217, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 65.0944, 66.6142, 78.5342 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(217, 211, 222) }
```


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

```
.border{ border-color:rgb(217, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(217, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0944, 66.6142, 78.5342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 211, 222) }
```

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

```
.background{ background-color: rgb(217,  
211, 222) }
```

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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