

Converting Colors

XYZ(63.8293, 65.6098, 77.7064)

Have a look what the booklet for
XYZ(63.8293, 65.6098, 77.7064)
contains.

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Color

**XYZ(63.8293, 65.6098,
77.7064)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D2DD
RGB	214, 210, 221
RGB Percent	84%, 82%, 87%
CMY	0.1608, 0.1765, 0.1333
CMYK	0.03, 0.05, 0.00, 0.13
HSL	262°, 14%, 85%
HSV	262°, 5%, 87%
XYZ	63.8293, 65.6098, 77.7064
YIQ	212.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

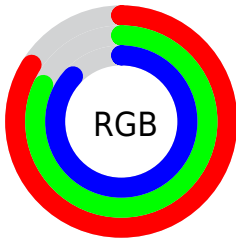
Format	Color
R _Y B	214, 210, 221
Decimal	14078685
CIE Lab	84.80, 3.39, -4.94
CIE LCh	85, 5.990, 304.416
Yxy	65.6098, 0.3081, 0.3167
Android (android.graphics.Color)	4292268765 (0xFFD6D2DD)
YUV	212.4500, 4.2152, 1.3594
Hunter-Lab	80.9999, -1.0887, -0.1793

Details

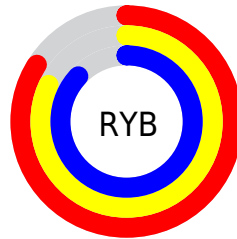
The XYZ color **63.8293, 65.6098, 77.7064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1070, 71.1195, 71.2193**, and the grayscale version is **62.8537, 66.1270, 72.0123**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0695, 33.9010, 40.8770** is the 20% darker color. If you saturate the color by 10%, you get **54.8159, 53.4166, 75.8289**, and if you desaturate by 10%, it is **73.9546, 79.4984, 79.8545**.

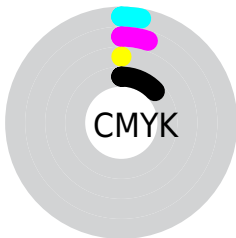
Distribution



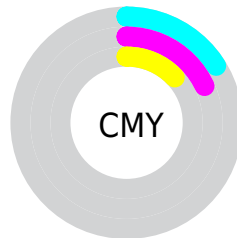
- Red (84%)
- Green (82%)
- Blue (87%)



- Red (84%)
- Yellow (82%)
- Blue (87%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8293, 65.6098, 77.7064 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 63.8293, 65.6098, 77.7064 by changing the saturation by 10% instead.

■ 63.8293, 65.6098,
77.7064

■ 63.8293, 65.6098,
77.7064

428.1849,
444.9801, 506.6706

■ 46.7736, 47.9557,
57.3178

109.4402,
112.9261, 131.9183

■ 33.0639, 33.7918,
40.8494

138.7261,
143.3571, 166.5786

■ 22.3349, 22.7337,
27.8826

172.8194,
178.8159, 206.8333

■ 14.2211, 14.3970,
17.9989

212.0855,
219.6868, 253.1008

■ 8.3574, 8.3973,
10.7798

256.8897,
266.3543, 305.7998

■ 4.3782, 4.3502,
5.8066

307.5975,

■ 1.9182, 1.8713,

319.2028, 365.3487

2.6610

364.5741,
378.6166, 432.1662

■ 0.5874, 0.5311,
0.9237

■ 0.0000, 0.0000,
0.0000

■ 63.8293, 65.6098,
77.7064

■ 63.8293, 65.6098,
77.7064

■ 54.8159, 53.4166,
75.8289

■ 73.9546, 79.4984,
79.8545

■ 46.8691, 42.8443,
74.2071

■ 85.2236, 95.1362,
82.2790

■ 39.9487, 33.8254,
72.8310

■ 90.0513, 98.0005,
82.5774

■ 34.0098, 26.2843,
71.6885

■ 29.0036, 20.1389,
70.7661

■ 24.8772, 15.2987,
70.0494

■ 21.5715, 11.6624,
69.5217

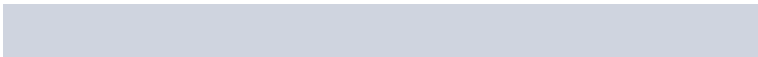
■ 19.0190, 9.1128,
69.1641

■ 17.1391, 7.5073,
68.9533

Harmonies

Analogous

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



62.5590, 65.6098, 79.0586



63.8293, 65.6098, 77.7064



64.7155, 65.6098, 74.6754

Triad

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



63.8293, 65.6098, 77.7064



63.4806, 65.6098, 64.9805



59.8238, 65.6098, 72.0082

Complementary

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



63.8293, 65.6098, 77.7064



66.1070, 71.1195, 71.2193

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.



60.0626, 65.6098, 68.2954



63.8293, 65.6098, 77.7064



62.1617, 65.6098, 64.3234

Square

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



63.8293, 65.6098, 77.7064



64.5121, 65.6098, 67.3438



60.9137, 65.6098, 65.5160



60.2566, 65.6098, 75.6947

Rectangle

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



63.8293, 65.6098, 77.7064



64.9625, 65.6098, 72.1590



60.9137, 65.6098, 65.5160



59.8283, 65.6098, 70.7216

Sweetspot

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



63.8312, 65.6126, 77.7078



93.6472, 98.0772, 108.6028



64.4834, 68.6274, 78.2554



20.0592, 21.0128, 23.2486



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.



63.8312, 65.6126, 77.7078



86.8690, 88.8231, 107.1738



65.4186, 66.4309, 77.7821



13.3423, 13.6049, 16.5749



9.6328, 4.0901, 40.0202



0.7167, 0.3127, 2.5970

Inverse Universe

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



65.3921, 66.4781, 75.0340



89.4794, 90.2707, 102.6902



64.5422, 70.3128, 71.1461



13.7823, 13.8489, 15.8181



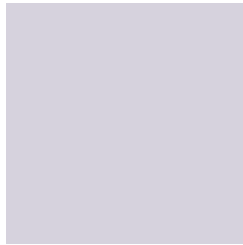
20.1574, 10.0640, 15.7406



1.3467, 0.6683, 1.2346

Previews

White Background



This preview shows how the XYZ color 63.8293, 65.6098, 77.7064 looks on a white background.

Color Contrast Check

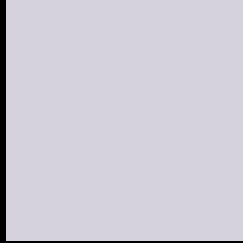
Large Text (above 18pt) WCAG AA × Fail

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 63.8293, 65.6098, 77.7064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

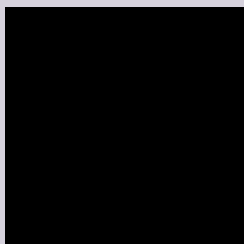
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

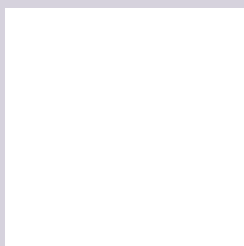
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8293, 65.6098, 77.7064

Background



This preview shows how black text looks on a background with the XYZ color 63.8293, 65.6098, 77.7064.

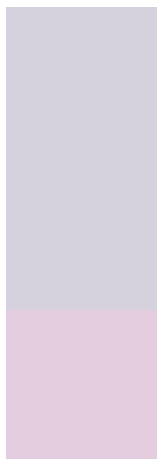


This preview shows how white text looks on a background with the XYZ color 63.8293, 65.6098,

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

63.8293, 65.6098, 77.7064

Protanopia

63.5383, 65.4598, 77.6928

Deuteranopia

66.6947, 65.2675, 78.1899



Tritanopia

64.5523, 65.5390, 81.1995

Trichromacy



Original Color

63.8293, 65.6098, 77.7064

Protanomaly

63.5383, 65.4598, 77.6928

Deuteranomaly

65.6218, 65.4292, 78.2777

Tritanomaly

64.2793, 65.4298, 79.7623

Monochromacy



Original Color

63.8293, 65.6098, 77.7064

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.0006, 65.6410, 73.6395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8293, 65.6098, 77.7064 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(214, 210, 221) looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 221)  
}
```

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(214, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 221) }
```

Border

The CSS property to change the border of an element to XYZ 63.8293, 65.6098, 77.7064 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(214, 210, 221) }
```


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

```
.border{ border-color:rgb(214, 210, 221) }
```

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

Here you see how a box with a 4 pixel rgb(214, 210, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8293, 65.6098, 77.7064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 221) }
```

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

```
.background{ background-color: rgb(214,  
210, 221) }
```

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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