

Converting Colors

XYZ(63.5383, 65.4598, 77.6928)

Have a look what the booklet for
XYZ(63.5383, 65.4598, 77.6928)
contains.

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Color

**XYZ(63.5383, 65.4598,
77.6928)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2DD
RGB	213, 210, 221
RGB Percent	84%, 82%, 87%
CMY	0.1647, 0.1765, 0.1333
CMYK	0.04, 0.05, 0.00, 0.13
HSL	256°, 14%, 85%
HSV	256°, 5%, 87%
XYZ	63.5383, 65.4598, 77.6928
YIQ	212.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

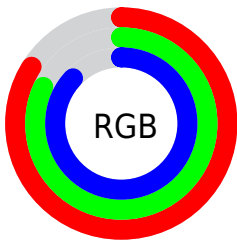
Format	Color
R _Y B	213, 210, 221
Decimal	14013149
CIE Lab	84.72, 3.05, -5.06
CIE LCh	85, 5.911, 301.066
Yxy	65.4598, 0.3074, 0.3167
Android (android.graphics.Color)	4292203229 (0xFFD5D2DD)
YUV	212.1510, 4.3626, 0.7446
Hunter-Lab	80.9072, -1.4075, -0.2994

Details

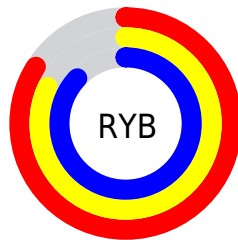
The XYZ color **63.5383, 65.4598, 77.6928** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4053, 71.2733, 71.2333**, and the grayscale version is **62.6540, 65.9169, 71.7835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8720, 33.7992, 40.8678** is the 20% darker color. If you saturate the color by 10%, you get **54.0202, 53.0064, 75.7917**, and if you desaturate by 10%, it is **74.2761, 79.6641, 79.8696**.

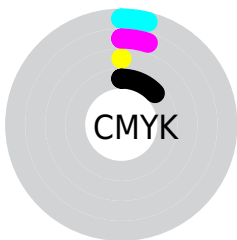
Distribution



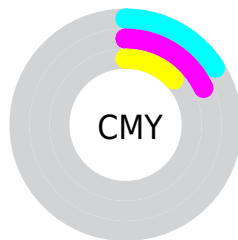
- Red (84%)
- Green (82%)
- Blue (87%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5383, 65.4598, 77.6928 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 63.5383, 65.4598, 77.6928 by changing the saturation by 10% instead.

■ 63.5383, 65.4598,
77.6928

■ 63.5383, 65.4598,
77.6928

427.1491,
444.4425, 506.6232

■ 46.5371, 47.8340,
57.3067

109.0232,
112.7107, 131.8989

■ 32.8763, 33.6955,
40.8405

138.2376,
143.1045, 166.5560

■ 22.1905, 22.6597,
27.8757

172.2538,
178.5232, 206.8072

■ 14.1143, 14.3425,
17.9938

211.4372,
219.3510, 253.0710

■ 8.2824, 8.3592,
10.7761

256.1530,
265.9725, 305.7659

■ 4.3295, 4.3257,
5.8042

306.7667,

■ 1.8902, 1.8574,

318.7720, 365.3106

2.6596

363.6437,
378.1338, 432.1235

■ 0.5711, 0.5225,
0.9230

■ 0.0000, 0.0000,
0.0000

■ 63.5383, 65.4598,
77.6928

■ 63.5383, 65.4598,
77.6928

■ 54.0202, 53.0064,
75.7917

■ 74.2761, 79.6641,
79.8696

■ 45.6719, 42.2271,
74.1511

■ 86.2696, 95.6754,
82.3279

■ 38.4486, 33.0521,
72.7608

■ 90.0513, 98.0005,
82.5774

■ 32.3002, 25.4030,
71.6085

■ 27.1727, 19.1950,
70.6805

■ 23.0071, 14.3347,
69.9619

■ 19.7380, 10.7172,
69.4359

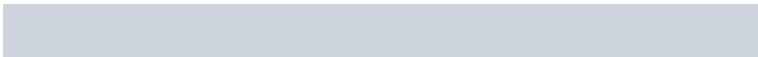
■ 17.2909, 8.2219,
69.0833

■ 15.5770, 6.7020,
68.8802

Harmonies

Analogous

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



62.2649, 65.4598, 78.8025



63.5383, 65.4598, 77.6928



64.4684, 65.4598, 74.8543

Triad

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



63.5383, 65.4598, 77.6928



63.4553, 65.4598, 65.0924



59.7110, 65.4598, 71.4101

Complementary

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



63.5383, 65.4598, 77.6928



66.4053, 71.2733, 71.2333

Split Complementary

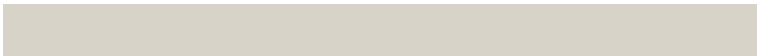
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.0197, 65.4598, 67.8109



63.5383, 65.4598, 77.6928



62.1703, 65.4598, 64.2421

Square

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



63.5383, 65.4598, 77.6928



64.4200, 65.4598, 67.5842



60.9153, 65.4598, 65.2200



60.0659, 65.4598, 75.0970

Rectangle

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



63.5383, 65.4598, 77.6928



64.7622, 65.4598, 72.4109



60.9153, 65.4598, 65.2200



59.7405, 65.4598, 70.1503

Sweetspot

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



63.5402, 65.4626, 77.6942



93.5627, 98.0336, 108.5988



64.7205, 69.1016, 78.3344



20.0419, 21.0040, 23.2478



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.



63.5402, 65.4626, 77.6942



86.3847, 88.5734, 107.1512



65.1431, 66.2889, 77.7692



13.2609, 13.5629, 16.5711



8.7654, 3.6429, 39.9796



0.6500, 0.2783, 2.5939

Inverse Universe

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



65.5226, 66.5303, 75.7213



89.6978, 90.3581, 103.8404



64.8066, 70.4491, 71.1585



13.8191, 13.8637, 16.0121



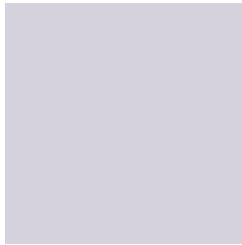
21.0978, 10.4401, 20.6927



1.4023, 0.6905, 1.5272

Previews

White Background



This preview shows how the XYZ color 63.5383, 65.4598, 77.6928 looks on a white background.

Color Contrast Check

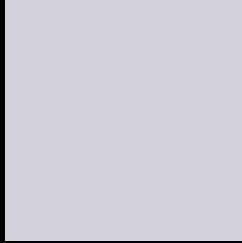
Large Text (above 18pt) WCAG AA × Fail

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 63.5383, 65.4598, 77.6928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

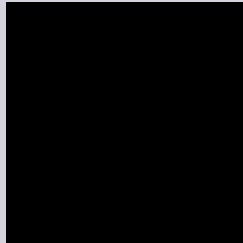
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5383, 65.4598, 77.6928

Background



This preview shows how black text looks on a background with the XYZ color 63.5383, 65.4598, 77.6928.

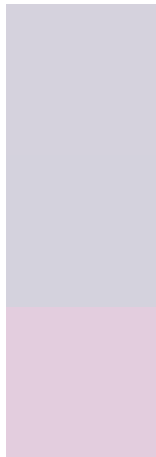


This preview shows how white text looks on a background with the XYZ color 63.5383, 65.4598,

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

63.5383, 65.4598, 77.6928

Protanopia

63.2491, 65.3107, 77.6793

Deuteranopia

66.6947, 65.2675, 78.1899



Tritanopia

64.2595, 65.3881, 81.1858

Trichromacy



Original Color

63.5383, 65.4598, 77.6928

Protanomaly

63.2491, 65.3107, 77.6793

Deuteranomaly

65.6218, 65.4292, 78.2777

Tritanomaly

63.9866, 65.2789, 79.7486

Monochromacy



Original Color

63.5383, 65.4598, 77.6928

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7114, 65.4919, 73.6259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5383, 65.4598, 77.6928 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(213, 210, 221) looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 221) }
```

Border

The CSS property to change the border of an element to XYZ 63.5383, 65.4598, 77.6928 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(213, 210, 221) }
```


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

```
.border{ border-color:rgb(213, 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(213, 210, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5383, 65.4598, 77.6928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 221) }
```

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

```
.background{ background-color: rgb(213,  
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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