

Converting Colors

XYZ(63.4361, 66.0634, 75.8430)

Have a look what the booklet for
XYZ(63.4361, 66.0634, 75.8430)
contains.

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Color

**XYZ(63.6389, 66.2951,
75.7718)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D4DA
RGB	213, 212, 218
RGB Percent	84%, 83%, 85%
CMY	0.1647, 0.1686, 0.1451
CMYK	0.02, 0.03, 0.00, 0.15
HSL	250°, 7%, 84%
HSV	250°, 3%, 85%
XYZ	63.6389, 66.2951, 75.7718
YIQ	212.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

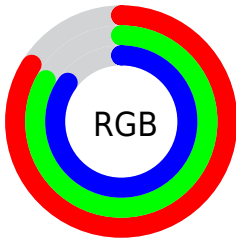
Format	Color
R _Y B	213, 212, 218
Decimal	14013658
CIE Lab	85.15, 1.44, -2.84
CIE LCh	85, 3.188, 296.901
Yxy	66.2951, 0.3094, 0.3223
Android (android.graphics.Color)	4292203738 (0xFFD5D4DA)
YUV	212.9830, 2.4734, 0.0149
Hunter-Lab	81.4218, -2.9734, 1.8195

Details

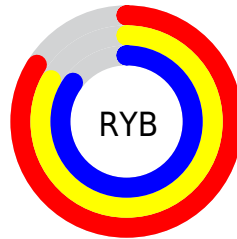
The XYZ color **63.6389, 66.2951, 75.7718** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5730, 69.6499, 72.2785**, and the grayscale version is **63.2207, 66.5131, 72.4328**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7684, 34.0274, 39.4912** is the 20% darker color. If you saturate the color by 10%, you get **53.5727, 53.5563, 73.8445**, and if you desaturate by 10%, it is **75.0358, 80.8159, 77.9749**.

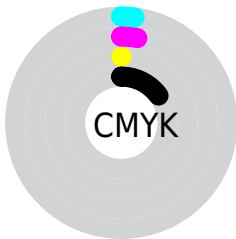
Distribution



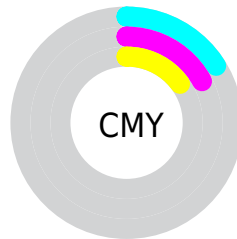
- Red (84%)
- Green (83%)
- Blue (85%)



- Red (84%)
- Yellow (83%)
- Blue (85%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (16%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6389, 66.2951, 75.7718 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 63.6389, 66.2951, 75.7718 by changing the saturation by 10% instead.

■ 63.6389, 66.2951,
75.7718

■ 63.6389, 66.2951,
75.7718

427.5074,
447.4315, 499.8922

■ 46.6189, 48.5120,
55.7399

109.1674,
113.9098, 129.1614

■ 32.9411, 34.2325,
39.5918

138.4065,
144.5101, 163.3562

■ 22.2404, 23.0723,
26.9091

172.4494,
180.1517, 203.1090

■ 14.1512, 14.6469,
17.2731

211.6614,
221.2189, 248.8383

■ 8.3083, 8.5719,
10.2654

256.4078,
268.0961, 300.9628

■ 4.3463, 4.4630,
5.4674

307.0541,

■ 1.8999, 1.9358,

321.1676, 359.9009

2.4605

363.9655,
380.8180, 426.0712

■ 0.5768, 0.5698,
0.8191

■ 0.0000, 0.0000,
0.0000

■ 63.6389, 66.2951,
75.7718

■ 63.6389, 66.2951,
75.7718

■ 53.5727, 53.5563,
73.8445

■ 75.0358, 80.8159,
77.9749

■ 44.7828, 42.5223,
72.1780

■ 87.6103, 96.7879,
80.3951

■ 37.2194, 33.1230,
70.7624

■ 89.6551, 97.8420,
80.4908

■ 30.8272, 25.2800,
69.5855

■ 25.5467, 18.9087,
68.6340

■ 21.3130, 13.9159,
67.8934

■ 18.0544, 10.1981,
67.3476

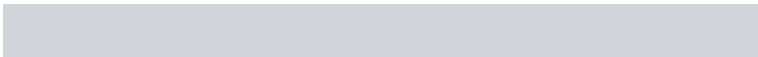
■ 15.6894, 7.6365,
66.9778

■ 14.1229, 6.0895,
66.7617

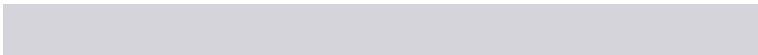
Harmonies

Analogous

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



62.9368, 66.2951, 76.2091



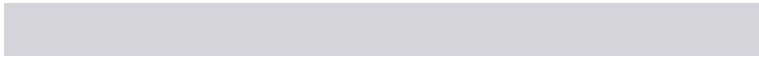
63.6389, 66.2951, 75.7718



64.1764, 66.2951, 74.3672

Triad

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



63.6389, 66.2951, 75.7718



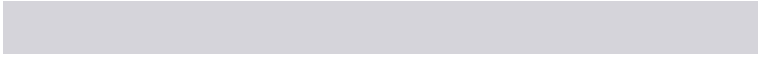
63.7693, 66.2951, 68.9187



61.6415, 66.2951, 71.9703

Complementary

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



63.6389, 66.2951, 75.7718



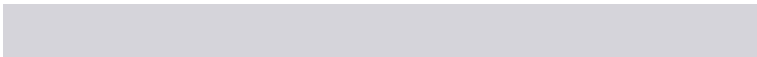
65.5730, 69.6499, 72.2785

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.



61.8608, 66.2951, 70.0441



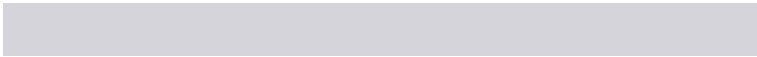
63.6389, 66.2951, 75.7718



63.0862, 66.2951, 68.3034

Square

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



63.6389, 66.2951, 75.7718



64.2521, 66.2951, 70.4080



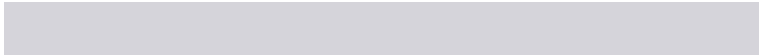
62.3882, 66.2951, 68.7115



61.7870, 66.2951, 73.9898

Rectangle

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



63.6389, 66.2951, 75.7718



64.3672, 66.2951, 73.0849



62.3882, 66.2951, 68.7115



61.6749, 66.2951, 71.2908

Sweetspot

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



63.6408, 66.2979, 75.7732



93.4639, 97.9827, 108.5942



64.6471, 68.7382, 76.1912



20.0218, 20.9936, 23.2469



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

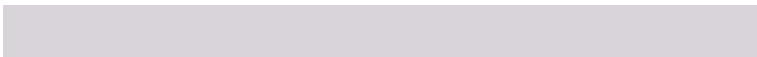
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.6408, 66.2979, 75.7732



90.3497, 94.0259, 107.9946



64.4901, 66.7358, 75.8130



13.8169, 14.3389, 16.6916



8.0827, 3.2910, 39.9476



0.5866, 0.2457, 2.5909

Inverse Universe

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



64.9838, 67.0053, 75.1577



92.4540, 95.1342, 107.0288



64.7180, 69.2091, 72.2385



14.2215, 14.5520, 16.5051



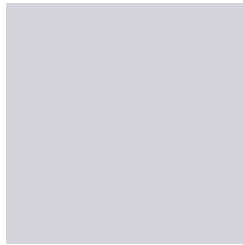
22.4021, 10.9619, 27.5614



1.4765, 0.7203, 1.9184

Previews

White Background



This preview shows how the XYZ color 63.6389, 66.2951, 75.7718 looks on a white background.

Color Contrast Check

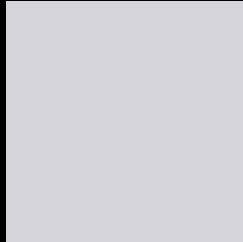
Large Text (above 18pt) WCAG AA × Fail

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 63.6389, 66.2951, 75.7718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

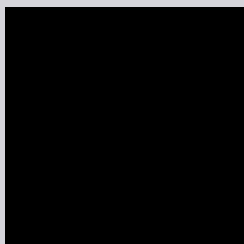
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

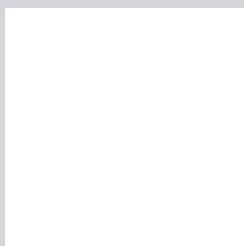
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6389, 66.2951, 75.7718

Background



This preview shows how black text looks on a background with the XYZ color 63.6389, 66.2951, 75.7718.

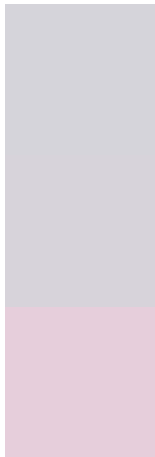


This preview shows how white text looks on a background with the XYZ color 63.6389, 66.2951,

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

63.6389, 66.2951, 75.7718

Protanopia

63.9735, 66.0976, 75.7160

Deuteranopia

67.4906, 66.0801, 76.2154



Tritanopia

64.8909, 66.4307, 82.0753

Trichromacy



Original Color

63.6389, 66.2951, 75.7718

Protanomaly

63.6807, 65.9466, 75.7023

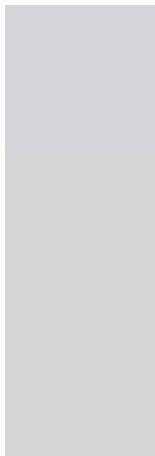
Deuteranomaly

66.0825, 66.0735, 76.2884

Tritanomaly

64.4804, 66.2665, 79.9132

Monochromacy



Original Color

63.6389, 66.2951, 75.7718

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5006, 66.6409, 73.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6389, 66.2951, 75.7718 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, 212, 218) looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 218)  
}
```

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, 212, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 218) }
```

Border

The CSS property to change the border of an element to XYZ 63.6389, 66.2951, 75.7718 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, 212, 218) }
```


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

```
.border{ border-color:rgb(213, 212, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 212, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 212, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 212, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 212,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6389, 66.2951, 75.7718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 218) }
```

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

```
.background{ background-color: rgb(213,  
212, 218) }
```

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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