

Converting Colors

XYZ(60.6046, 63.1678, 74.8452)

Have a look what the booklet for
XYZ(60.6046, 63.1678, 74.8452)
contains.

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Color

**XYZ(60.5339, 63.2433,
74.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	CED0D9
RGB	206, 208, 217
RGB Percent	81%, 82%, 85%
CMY	0.1921, 0.1843, 0.1490
CMYK	0.05, 0.04, 0.00, 0.15
HSL	229°, 13%, 83%
HSV	229°, 5%, 85%
XYZ	60.5339, 63.2433, 74.6623
YIQ	208.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

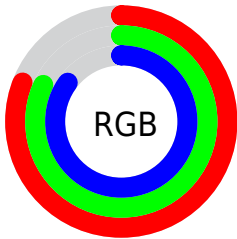
Format	Color
R _Y B	206, 208, 217
Decimal	13553881
CIE Lab	83.57, 1.00, -4.69
CIE LCh	84, 4.798, 282.085
Yxy	63.2433, 0.3050, 0.3187
Android (android.graphics.Color)	4291743961 (0xFFCED0D9)
YUV	208.4280, 4.2260, -2.1294
Hunter-Lab	79.5257, -3.2980, 0.0038

Details

The XYZ color **60.5339, 63.2433, 74.6623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0565, 67.8083, 68.1059**, and the grayscale version is **60.2088, 63.3444, 68.9820**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.0261, 32.3952, 38.8001** is the 20% darker color. If you saturate the color by 10%, you get **50.8331, 52.1754, 73.0382**, and if you desaturate by 10%, it is **71.5544, 75.7139, 76.4895**.

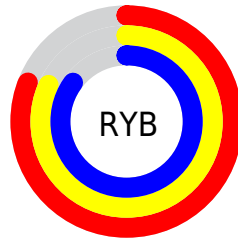
Distribution



Red (81%)

Green (82%)

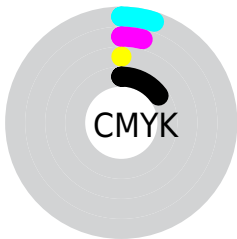
Blue (85%)



Red (81%)

Yellow (82%)

Blue (85%)

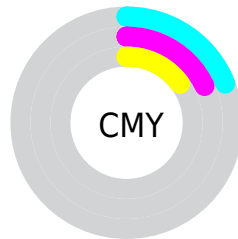


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (19%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5339, 63.2433, 74.6623 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 60.5339, 63.2433, 74.6623 by changing the saturation by 10% instead.

■ 60.5339, 63.2433,
74.6623

■ 60.5339, 63.2433,
74.6623

416.3662,
436.4519, 495.9805

■ 44.1002, 46.0381,
54.8362

104.7057,
109.5204, 127.5769

■ 30.9476, 32.2759,
38.8729

133.1746,
139.3611, 161.5025

■ 20.7105, 21.5723,
26.3538

166.3858,
174.1824, 200.9651

■ 13.0238, 13.5430,
16.8604

204.7049,
214.3688, 246.3831

■ 7.5221, 7.8035,
9.9741

248.4971,
260.3045, 298.1750

■ 3.8399, 3.9695,
5.2764

298.1278,

■ 1.6120, 1.6565,

312.3740, 356.7596

2.3488

353.9624,
370.9617, 422.5552

■ 0.4002, 0.3952,
0.7583

■ 0.0000, 0.0000,
0.0000

■ 60.5339, 63.2433,
74.6623

■ 60.5339, 63.2433,
74.6623

■ 50.8331, 52.1754,
73.0382

■ 71.5544, 75.7139,
76.4895

■ 42.3966, 42.4529,
71.6062

■ 83.9361, 89.6258,
78.5222

■ 35.1735, 34.0263,
70.3605

■ 89.5246, 97.7898,
79.8034

■ 29.1070, 26.8401,
69.2931

■ 24.1358, 20.8347,
68.3960

■ 20.1928, 15.9453,
67.6600

■ 17.2033, 12.1009,
67.0756

■ 15.0818, 9.2215,
66.6316

■ 13.7265, 7.2147,
66.3157

Harmonies

Analogous

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



59.4929, 63.2433, 74.5020



60.5339, 63.2433, 74.6623



61.4721, 63.2433, 73.2354

Triad

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



60.5339, 63.2433, 74.6623



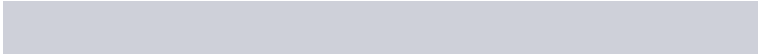
61.6194, 63.2433, 65.0637



58.2130, 63.2433, 67.1005

Complementary

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



60.5339, 63.2433, 74.6623



64.0565, 67.8083, 68.1059

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.



58.7698, 63.2433, 64.6647



60.5339, 63.2433, 74.6623



60.7331, 63.2433, 63.5126

Square

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



60.5339, 63.2433, 74.6623



62.1037, 63.2433, 67.6595



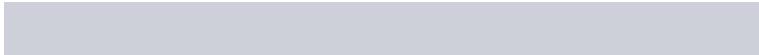
59.6898, 63.2433, 63.3687



58.1611, 63.2433, 70.0770

Rectangle

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



60.5339, 63.2433, 74.6623



61.9098, 63.2433, 71.5996



59.6898, 63.2433, 63.3687



58.3471, 63.2433, 66.1935

Sweetspot

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



60.5357, 63.2460, 74.6637



91.8822, 96.4129, 108.3746



62.5311, 67.6540, 74.0425



19.6998, 20.6739, 23.2021



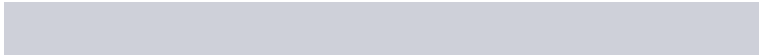
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.5357, 63.2460, 74.6637



85.7804, 89.4867, 107.3593



61.0283, 62.7795, 74.5477



13.1594, 13.7162, 16.6060



8.0867, 4.0429, 40.0925



0.5819, 0.3779, 2.6167

Inverse Universe

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



62.0732, 63.4498, 68.6530



88.4120, 89.8437, 97.0694



63.5451, 68.3065, 68.2290



13.6027, 13.7771, 14.8724



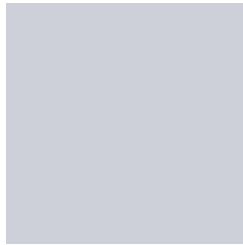
17.5771, 9.0319, 2.1533



1.1680, 0.5968, 0.2936

Previews

White Background



This preview shows how the XYZ color 60.5339, 63.2433, 74.6623 looks on a white background.

Color Contrast Check

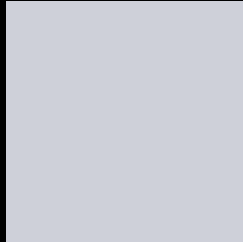
Large Text (above 18pt) WCAG AA × Fail

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 60.5339, 63.2433, 74.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

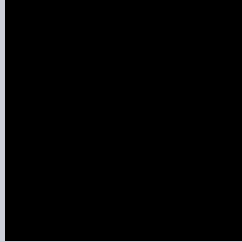
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

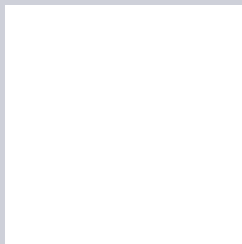
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5339, 63.2433, 74.6623

Background



This preview shows how black text looks on a background with the XYZ color 60.5339, 63.2433, 74.6623.



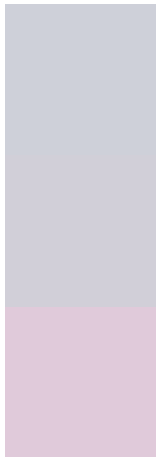
This preview shows how white text looks on a background with the XYZ color 60.5339, 63.2433,

74.6623.

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

60.5339, 63.2433, 74.6623

Protanopia

61.0020, 63.1388, 73.9376

Deuteranopia

64.5159, 63.1503, 75.1185



Tritanopia

61.3642, 63.2188, 78.7802

Trichromacy



Original Color

60.5339, 63.2433, 74.6623

Protanomaly

60.7199, 62.9934, 73.9244

Deuteranomaly

62.8630, 62.9994, 75.1765

Tritanomaly

61.0961, 63.1115, 77.3682

Monochromacy



Original Color

60.5339, 63.2433, 74.6623

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.0459, 63.0803, 70.6390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5339, 63.2433, 74.6623 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(206, 208, 217) looks like.

```
.text, #text, p{  
    color:rgb(206, 208, 217)  
}
```

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(206, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 208, 217) }
```

Border

The CSS property to change the border of an element to XYZ 60.5339, 63.2433, 74.6623 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(206, 208, 217) }
```


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

```
.border{ border-color:rgb(206, 208, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(206, 208,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5339, 63.2433, 74.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 208, 217) }
```

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

```
.background{ background-color: rgb(206,  
208, 217) }
```

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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