

Converting Colors

XYZ(60.7252, 63.3561, 71.9971)

Have a look what the booklet for
XYZ(60.7252, 63.3561, 71.9971)
contains.

XYZ(60.8606, 63.4712, 71.9942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.8606, 63.4712,
71.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D0D5
RGB	209, 208, 213
RGB Percent	82%, 82%, 84%
CMY	0.1804, 0.1843, 0.1647
CMYK	0.02, 0.02, 0.00, 0.16
HSL	252°, 6%, 83%
HSV	252°, 2%, 84%
XYZ	60.8606, 63.4712, 71.9942
YIQ	208.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

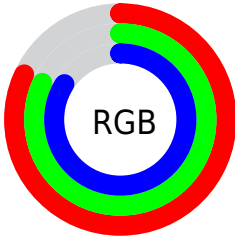
Format	Color
R _Y B	209, 208, 213
Decimal	13750485
CIE Lab	83.69, 1.26, -2.36
CIE LCh	84, 2.675, 298.146
Yxy	63.4712, 0.3100, 0.3233
Android (android.graphics.Color)	4291940565 (0xFFD1D0D5)
YUV	208.8690, 2.0366, 0.1149
Hunter-Lab	79.6688, -3.0607, 2.1897

Details

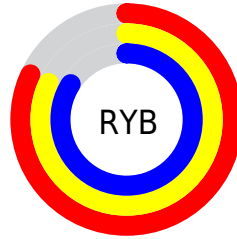
The XYZ color **60.8606, 63.4712, 71.9942** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3332, 66.1413, 69.1590**, and the grayscale version is **60.5081, 63.6593, 69.3249**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2447, 32.5484, 36.9834** is the 20% darker color. If you saturate the color by 10%, you get **51.4434, 51.4195, 70.1653**, and if you desaturate by 10%, it is **71.4953, 77.1894, 74.0825**.

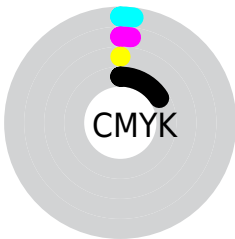
Distribution



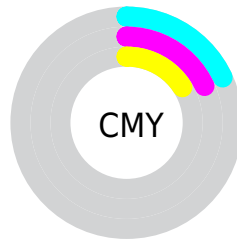
- Red (82%)
- Green (82%)
- Blue (84%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8606, 63.4712, 71.9942 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 60.8606, 63.4712, 71.9942 by changing the saturation by 10% instead.

■ 60.8606, 63.4712,
71.9942

■ 60.8606, 63.4712,
71.9942

417.5468,
437.2776, 486.4984

■ 44.3648, 46.2225,
52.6671

105.1763,
109.8490, 123.7559

■ 31.1565, 32.4214,
37.1512

133.7270,
139.7470, 157.0277

■ 20.8705, 21.6836,
25.0279

167.0266,
174.6301, 195.7847

■ 13.1413, 13.6246,
15.8786

205.4405,
214.8828, 240.4456

■ 7.6036, 7.8600,
9.2849

249.3341,
260.8895, 291.4289

■ 3.8920, 4.0055,
4.8281

299.0728,

■ 1.6412, 1.6767,

313.0346, 349.1531

2.0898

355.0219,
371.7025, 414.0367

■ 0.4190, 0.4085,
0.6097

■ 0.0000, 0.0000,
0.0000

■ 60.8606, 63.4712,
71.9942

■ 60.8606, 63.4712,
71.9942

■ 51.4434, 51.4195,
70.1653

■ 71.4953, 77.1894,
74.0825

■ 43.1945, 40.9626,
68.5817

■ 83.3836, 92.6260,
76.4355

■ 36.0692, 32.0356,
67.2341

■ 89.0104, 97.5842,
77.0960

■ 30.0179, 24.5660,
66.1113

■ 24.9874, 18.4753,
65.2008

■ 20.9195, 13.6777,
64.4892

■ 17.7501, 10.0775,
63.9613

■ 15.4067, 7.5653,
63.5999

■ 13.8047, 6.0110,
63.3843

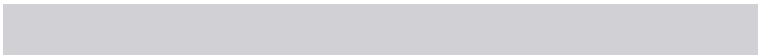
Harmonies

Analogous

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



60.2910, 63.4712, 72.3853



60.8606, 63.4712, 71.9942



61.2897, 63.4712, 70.8266

Triad

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



60.8606, 63.4712, 71.9942



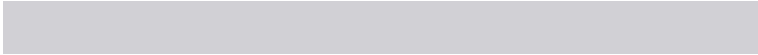
60.9241, 63.4712, 66.4042



59.2082, 63.4712, 69.0050

Complementary

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



60.8606, 63.4712, 71.9942



62.3332, 66.1413, 69.1590

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.



59.3754, 63.4712, 67.4201



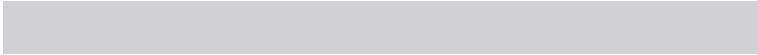
60.8606, 63.4712, 71.9942



60.3639, 63.4712, 65.9337

Square

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



60.8606, 63.4712, 71.9942



61.3265, 63.4712, 67.5981



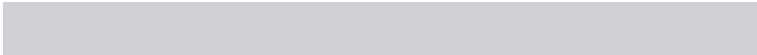
59.7975, 63.4712, 66.3026



59.3393, 63.4712, 70.6429

Rectangle

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



60.8606, 63.4712, 71.9942



61.4370, 63.4712, 69.7744



59.7975, 63.4712, 66.3026



59.2313, 63.4712, 68.4485

Sweetspot

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



60.8624, 63.4739, 71.9956



93.4948, 97.9986, 108.5957



61.5891, 65.3445, 72.3183



20.0281, 20.9968, 23.2471



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.



60.8624, 63.4739, 71.9956



90.4404, 94.0727, 107.9989



61.5518, 63.8293, 72.0278



13.1618, 13.6509, 15.8787



7.9983, 3.2758, 38.6639



0.5507, 0.2328, 2.3352

Inverse Universe

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



61.8824, 64.0143, 71.3852



92.4132, 95.1179, 106.8143



61.6414, 65.7846, 69.1267



13.5217, 13.8417, 15.6618



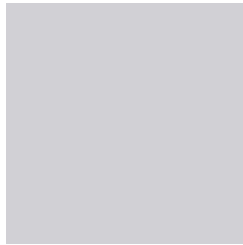
21.2617, 10.4410, 24.4799



1.3100, 0.6408, 1.6220

Previews

White Background



This preview shows how the XYZ color 60.8606, 63.4712, 71.9942 looks on a white background.

Color Contrast Check

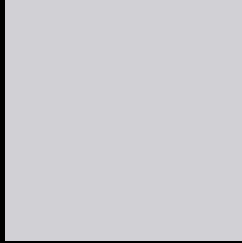
Large Text (above 18pt) WCAG AA × Fail

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 60.8606, 63.4712, 71.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

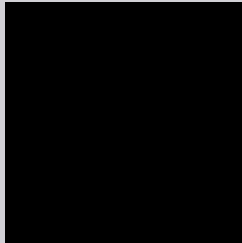
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

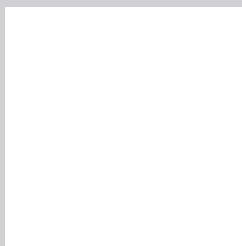
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8606, 63.4712, 71.9942

Background



This preview shows how black text looks on a background with the XYZ color 60.8606, 63.4712, 71.9942.

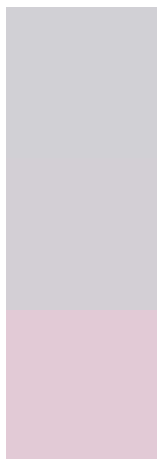


This preview shows how white text looks on a background with the XYZ color 60.8606, 63.4712,

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

60.8606, 63.4712, 71.9942

Protanopia

61.1870, 63.2786, 71.9399

Deuteranopia

64.6222, 63.2649, 72.4237



Tritanopia

62.2546, 63.3192, 78.7527

Trichromacy



Original Color

60.8606, 63.4712, 71.9942

Protanomaly

60.9014, 63.1314, 71.9265

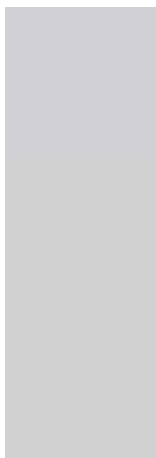
Deuteranomaly

63.2457, 63.2564, 72.4946

Tritanomaly

61.6773, 63.4418, 76.0126

Monochromacy



Original Color

60.8606, 63.4712, 71.9942

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7278, 63.8094, 70.0885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8606, 63.4712, 71.9942 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(209, 208, 213) looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 213)  
}
```

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(209, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.8606, 63.4712, 71.9942 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(209, 208, 213) }
```


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

```
.border{ border-color:rgb(209, 208, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 208, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(209, 208,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8606, 63.4712, 71.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 213) }
```

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

```
.background{ background-color: rgb(209,  
208, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor