

Converting Colors

XYZ(60.3764, 63.2429, 63.4431)

Have a look what the booklet for
XYZ(60.3764, 63.2429, 63.4431)
contains.

XYZ(60.4218, 63.4280, 63.7018)	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(60.4218, 63.4280,
63.7018)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D0C8
RGB	213, 208, 200
RGB Percent	84%, 82%, 78%
CMY	0.1647, 0.1843, 0.2157
CMYK	0.00, 0.02, 0.06, 0.16
HSL	37°, 13%, 81%
HSV	37°, 6%, 84%
XYZ	60.4218, 63.4280, 63.7018
YIQ	208.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

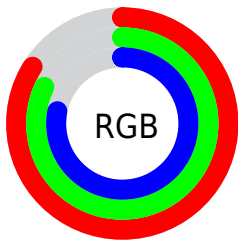
Format	Color
R _Y B	208, 213, 200
Decimal	14012616
CIE Lab	83.67, 0.32, 4.57
CIE LCh	84, 4.578, 85.974
Yxy	63.4280, 0.3222, 0.3382
Android (android.graphics.Color)	4292202696 (0xFFD5D0C8)
YUV	208.5830, -4.2314, 3.8737
Hunter-Lab	79.6417, -3.9503, 8.3258

Details

The XYZ color **60.4218, 63.4280, 63.7018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6610, 60.7452, 71.6376**, and the grayscale version is **60.3584, 63.5017, 69.1534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8445, 32.4556, 31.8330** is the 20% darker color. If you saturate the color by 10%, you get **56.1598, 58.6136, 50.8432**, and if you desaturate by 10%, it is **65.1372, 68.5927, 78.4241**.

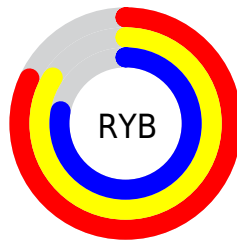
Distribution



Red (84%)

Green (82%)

Blue (78%)



Red (82%)

Yellow (84%)

Blue (78%)

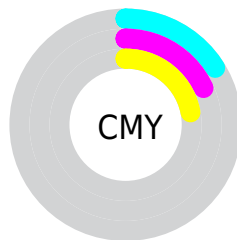


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4218, 63.4280, 63.7018 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 60.4218, 63.4280, 63.7018 by changing the saturation by 10% instead.

■ 60.4218, 63.4280,
63.7018

■ 60.4218, 63.4280,
63.7018

415.9606,
437.1211, 456.2899

■ 44.0095, 46.1875,
45.9646

104.5442,
109.7868, 111.7767

■ 30.8759, 32.3938,
31.8694

132.9849,
139.6738, 142.9514

■ 20.6557, 21.6625,
20.9978

166.1658,
174.5453, 179.4424

■ 12.9836, 13.6091,
12.9311

204.4523,
214.7854, 221.6682

■ 7.4942, 7.8493,
7.2510

248.2097,
260.7787, 270.0473

■ 3.8221, 3.9987,
3.5387

297.8033,

■ 1.6020, 1.6728,

312.9094, 324.9982

1.3759

353.5985,
371.5621, 386.9396

■ 0.3937, 0.4060,
0.1228

■ 0.0000, 0.0000,
0.0000

■ 60.4218, 63.4280,
63.7018

■ 60.4218, 63.4280,
63.7018

■ 56.1598, 58.6136,
50.8432

■ 65.1372, 68.5927,
78.4241

■ 52.3301, 54.1325,
39.7687

■ 70.3158, 74.1079,
95.0772

■ 48.9178, 49.9782,
30.3987

■ 74.5065, 79.3975,
106.0061

■ 45.9047, 46.1409,
22.6463

■ 76.8723, 84.1291,
106.7947

■ 43.2712, 42.6101,
16.4165

■ 79.3469, 89.0783,
107.6195

■ 40.9960, 39.3745,
11.6046

■ 81.2510, 92.8863,
108.2542

■ 39.0549, 36.4217,
8.0922

■ 37.4200, 33.7377,
5.7415

■ 36.0571, 31.3058,
4.3806

Harmonies

Analogous

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



61.3712, 63.4280, 64.5884



60.4218, 63.4280, 63.7018



59.4463, 63.4280, 64.2185

Triad

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



60.4218, 63.4280, 63.7018



58.5705, 63.4280, 71.5078



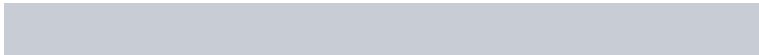
61.8977, 63.4280, 72.1969

Complementary

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



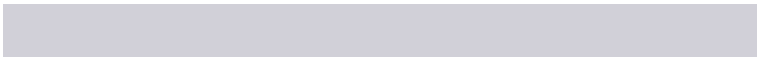
60.4218, 63.4280, 63.7018



57.6610, 60.7452, 71.6376

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.



61.1344, 63.4280, 74.1437



60.4218, 63.4280, 63.7018



59.2145, 63.4280, 73.7382

Square

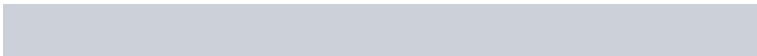
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4218, 63.4280, 63.7018



58.3844, 63.4280, 68.6756



60.1512, 63.4280, 74.7154



62.2293, 63.4280, 69.4505

Rectangle

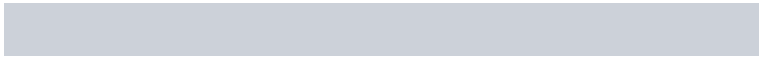
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



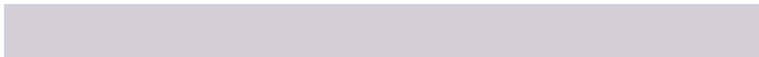
60.4218, 63.4280, 63.7018



58.9113, 63.4280, 65.2972



60.1512, 63.4280, 74.7154



61.6827, 63.4280, 72.9694

Sweetspot

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



60.4236, 63.4308, 63.7032



93.6175, 98.4316, 104.4253



59.1393, 59.8731, 66.3248



20.0531, 21.0849, 22.3982



0.0000, 0.0000, 0.0000



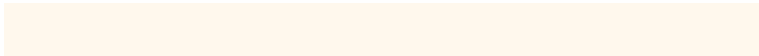
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4236, 63.4308, 63.7032



90.1584, 94.6040, 93.7442



61.2854, 65.7121, 64.0981



13.2362, 13.8858, 13.6700



21.8326, 18.7825, 2.4747



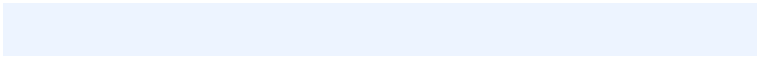
1.3958, 1.2909, 0.1756

Inverse Universe

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



57.6610, 60.7452, 71.6376



85.3789, 89.9579, 107.4714



56.8335, 58.5727, 71.2619



12.4879, 13.1584, 15.8192



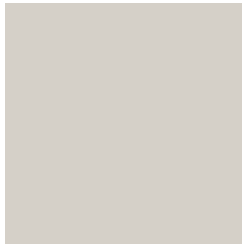
9.2649, 6.7917, 39.2758



0.6377, 0.5675, 2.3952

Previews

White Background



This preview shows how the XYZ color 60.4218, 63.4280, 63.7018 looks on a white background.

Color Contrast Check

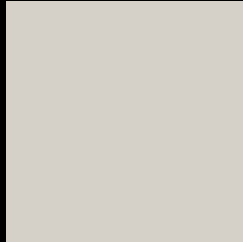
Large Text (above 18pt) WCAG AA × Fail

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 60.4218, 63.4280, 63.7018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

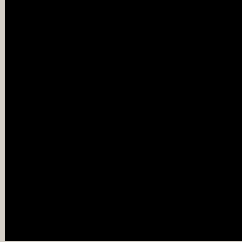
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

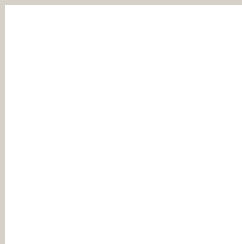
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4218, 63.4280, 63.7018

Background



This preview shows how black text looks on a background with the XYZ color 60.4218, 63.4280, 63.7018.

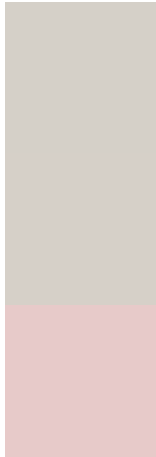


This preview shows how white text looks on a background with the XYZ color 60.4218, 63.4280,

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

60.4218, 63.4280, 63.7018

Protanopia

60.7128, 63.5780, 63.7155

Deuteranopia

64.6181, 63.4470, 64.0991



Tritanopia

63.2014, 63.4820, 77.3288

Trichromacy



Original Color

60.4218, 63.4280, 63.7018

Protanomaly

60.7128, 63.5780, 63.7155

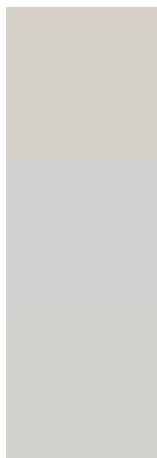
Deuteranomaly

62.8760, 63.2501, 64.1529

Tritanomaly

62.1059, 63.3938, 71.9137

Monochromacy



Original Color

60.4218, 63.4280, 63.7018

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5194, 63.7588, 67.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4218, 63.4280, 63.7018 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, 208, 200) looks like.

```
.text, #text, p{  
    color:rgb(213, 208, 200)  
}
```

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, 208, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 208, 200) }
```

Border

The CSS property to change the border of an element to XYZ 60.4218, 63.4280, 63.7018 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, 208, 200) }
```


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

```
.border{ border-color:rgb(213, 208, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 208, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 208, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 208, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 208,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4218, 63.4280, 63.7018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 208, 200) }
```

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

```
.background{ background-color: rgb(213,  
208, 200) }
```

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