

Converting Colors

XYZ(60.2790, 62.0663, 68.0796)

Have a look what the booklet for
XYZ(60.2790, 62.0663, 68.0796)
contains.

XYZ(60.2452, 62.1647, 67.8552)	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(60.2452, 62.1647,
67.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CDCF
RGB	212, 205, 207
RGB Percent	83%, 80%, 81%
CMY	0.1686, 0.1961, 0.1882
CMYK	0.00, 0.03, 0.02, 0.17
HSL	343°, 8%, 82%
HSV	343°, 3%, 83%
XYZ	60.2452, 62.1647, 67.8552
YIQ	207.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

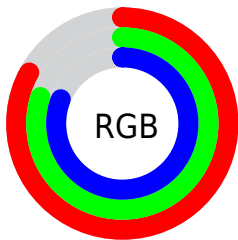
Format	Color
R _Y B	212, 205, 207
Decimal	13946319
CIE Lab	83.00, 2.77, -0.14
CIE LCh	83, 2.777, 357.080
Yxy	62.1647, 0.3166, 0.3267
Android (android.graphics.Color)	4292136399 (0xFFD4CDCF)
YUV	207.3210, -0.1583, 4.1035
Hunter-Lab	78.8446, -1.5861, 4.1651

Details

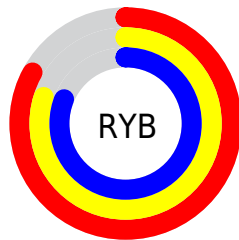
The XYZ color **60.2452, 62.1647, 67.8552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3555, 64.7209, 70.2873**, and the grayscale version is **59.5160, 62.6155, 68.1883**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7210, 31.6012, 34.6175** is the 20% darker color. If you saturate the color by 10%, you get **53.7496, 51.9964, 56.9858**, and if you desaturate by 10%, it is **67.6092, 73.7837, 79.8926**.

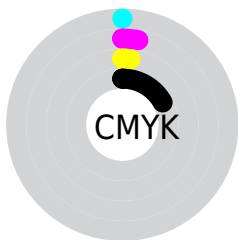
Distribution



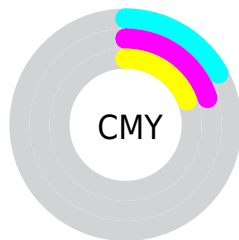
- Red (83%)
- Green (80%)
- Blue (81%)



- Red (83%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2452, 62.1647, 67.8552 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 60.2452, 62.1647, 67.8552 by changing the saturation by 10% instead.

■ 60.2452, 62.1647,
67.8552

■ 60.2452, 62.1647,
67.8552

415.3213,
432.5316, 471.5669

■ 43.8665, 45.1658,
49.3140

104.2896,
107.9635, 117.7972

■ 30.7630, 31.5880,
34.5013

132.6860,
137.5322, 150.0351

■ 20.5694, 21.0470,
22.9985

165.8191,
172.0597, 187.6757

■ 12.9203, 13.1584,
14.3871

204.0541,
211.9303, 231.1374

■ 7.4503, 7.5377,
8.2486

247.7565,
257.5283, 280.8388

■ 3.7941, 3.8006,
4.1644

297.2916,

■ 1.5863, 1.5627,

309.2383, 337.1986

1.7159

353.0247,
367.4446, 400.6351

■ 0.3835, 0.3322,
0.3716

■ 0.0000, 0.0000,
0.0000

■ 60.2452, 62.1647,
67.8552

■ 60.2452, 62.1647,
67.8552

■ 53.7496, 51.9964,
56.9858

■ 67.6092, 73.7837,
79.8926

■ 48.0848, 43.2139,
47.2450

■ 75.8670, 86.8991,
93.1277

■ 43.2180, 35.7592,
38.5970

■ 80.5545, 92.5743,
106.0959

■ 39.1122, 29.5672,
31.0024

■ 80.9618, 92.7372,
108.2407

■ 35.7275, 24.5672,
24.4196

■ 33.0203, 20.6815,
18.8040

■ 30.9417, 17.8230,
14.1074

■ 29.4362, 15.8918,
10.2768

■ 28.4375, 14.7672,
7.2531

Harmonies

Analogous

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



60.0593, 62.1647, 69.4981



60.2452, 62.1647, 67.8552



60.1187, 62.1647, 66.1940

Triad

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



60.2452, 62.1647, 67.8552



58.5621, 62.1647, 64.7878



58.4610, 62.1647, 70.4980

Complementary

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



60.2452, 62.1647, 67.8552



60.3555, 64.7209, 70.2873

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.



58.0646, 62.1647, 69.2019



60.2452, 62.1647, 67.8552



58.1227, 62.1647, 65.9072

Square

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



60.2452, 62.1647, 67.8552



59.1445, 62.1647, 64.4408



57.9411, 62.1647, 67.5187



59.0269, 62.1647, 71.0400

Rectangle

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



60.2452, 62.1647, 67.8552



59.8747, 62.1647, 65.2963



57.9411, 62.1647, 67.5187



58.3036, 62.1647, 70.1350

Sweetspot

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



60.2470, 62.1674, 67.8565



93.9498, 98.2670, 107.0927



60.2670, 62.1059, 71.0995



20.1207, 21.0514, 22.9413



0.0000, 0.0000, 0.0000



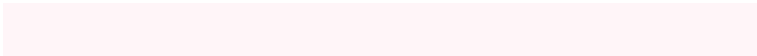
20.3446, 21.4041, 23.3091

Same Dimension

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



60.2470, 62.1674, 67.8565



90.7303, 93.2032, 101.7797



60.3406, 62.7428, 66.6911



13.2637, 13.5695, 14.8240



17.3111, 8.8607, 3.6762



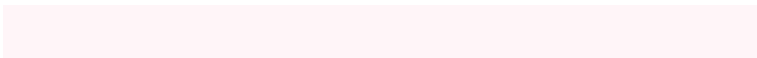
1.0796, 0.5486, 0.4088

Inverse Universe

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



60.2470, 62.1674, 67.8565



90.7303, 93.2032, 101.7797



60.2576, 64.1244, 71.4896



13.2637, 13.5695, 14.8240



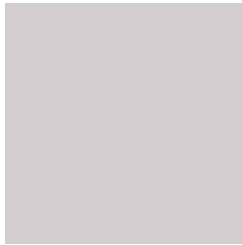
17.3111, 8.8607, 3.6762



1.0796, 0.5486, 0.4088

Previews

White Background



This preview shows how the XYZ color 60.2452, 62.1647, 67.8552 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 60.2452, 62.1647, 67.8552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

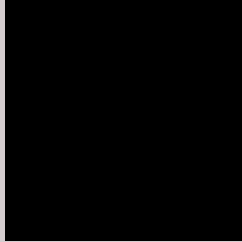
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

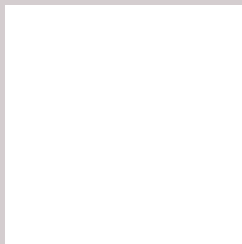
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2452, 62.1647, 67.8552

Background



This preview shows how black text looks on a background with the XYZ color 60.2452, 62.1647, 67.8552.

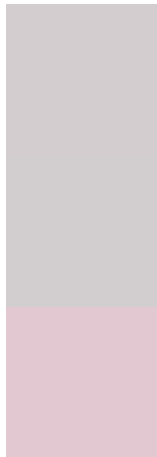


This preview shows how white text looks on a background with the XYZ color 60.2452, 62.1647,

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

60.2452, 62.1647, 67.8552

Protanopia

59.9121, 62.3492, 67.9084

Deuteranopia

63.4035, 62.0314, 68.3060



Tritanopia

61.8737, 62.1225, 75.7476

Trichromacy



Original Color

60.2452, 62.1647, 67.8552

Protanomaly

60.1978, 62.4965, 67.9218

Deuteranomaly

62.3245, 62.1673, 68.3891

Tritanomaly

61.2992, 62.2382, 73.0723

Monochromacy



Original Color

60.2452, 62.1647, 67.8552

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6283, 62.2029, 67.8951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2452, 62.1647, 67.8552 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(212, 205, 207) looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 207)  
}
```

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(212, 205, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 207) }
```

Border

The CSS property to change the border of an element to XYZ 60.2452, 62.1647, 67.8552 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(212, 205, 207) }
```


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

```
.border{ border-color:rgb(212, 205, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 207);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2452, 62.1647, 67.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 207) }
```

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

```
.background{ background-color: rgb(212,  
205, 207) }
```

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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