

Converting Colors

XYZ(58.6752, 60.3444, 67.1082)

Have a look what the booklet for
XYZ(58.6752, 60.3444, 67.1082)
contains.

XYZ(58.5556, 60.2526, 66.9362)	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(58.5556, 60.2526,
66.9362)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CACE
RGB	209, 202, 206
RGB Percent	82%, 79%, 81%
CMY	0.1804, 0.2078, 0.1922
CMYK	0.00, 0.03, 0.01, 0.18
HSL	326°, 7%, 81%
HSV	326°, 3%, 82%
XYZ	58.5556, 60.2526, 66.9362
YIQ	204.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

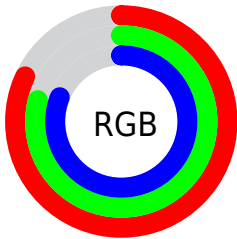
Format	Color
R _Y B	209, 202, 206
Decimal	13748942
CIE Lab	81.98, 3.14, -1.14
CIE LCh	82, 3.340, 340.131
Yxy	60.2526, 0.3152, 0.3244
Android (android.graphics.Color)	4291939022 (0xFFD1CACE)
YUV	204.5490, 0.7153, 3.9035
Hunter-Lab	77.6225, -1.1856, 3.2083

Details

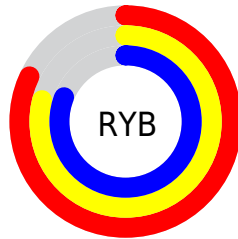
The XYZ color **58.5556, 60.2526, 66.9362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1793, 62.5668, 66.7710**, and the grayscale version is **57.7378, 60.7446, 66.1509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7750, 30.4154, 34.0072** is the 20% darker color. If you saturate the color by 10%, you get **52.9227, 50.6789, 59.8398**, and if you desaturate by 10%, it is **64.9182, 71.1846, 74.5836**.

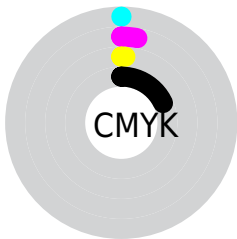
Distribution



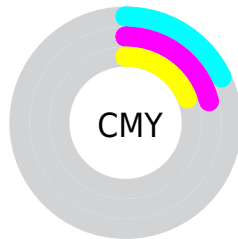
- Red (82%)
- Green (79%)
- Blue (81%)



- Red (82%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5556, 60.2526, 66.9362 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 58.5556, 60.2526, 66.9362 by changing the saturation by 10% instead.

■ 58.5556, 60.2526,
66.9362

■ 58.5556, 60.2526,
66.9362

409.1736,
425.5282, 468.2129

■ 42.5005, 43.6223,
48.5715

101.8498,
105.1960, 116.4688

■ 29.6862, 30.3737,
33.9165

129.8196,
134.2779, 148.4737

■ 19.7474, 20.1224,
22.5526

162.4917,
168.2790, 185.8625

■ 12.3188, 12.4840,
14.0613

200.2314,
207.5839, 229.0537

■ 7.0349, 7.0742,
8.0241

243.4041,
252.5769, 278.4658

■ 3.5305, 3.5086,
4.0224

292.3751,

■ 1.4401, 1.4027,

303.6423, 334.5173

1.6376

347.5098,
361.1646, 397.6269

■ 0.2845, 0.2187,
0.3175

■ 0.0000, 0.0000,
0.0000

■ 58.5556, 60.2526,
66.9362

■ 58.5556, 60.2526,
66.9362

■ 52.9227, 50.6789,
59.8398

■ 64.9182, 71.1846,
74.5836

■ 47.9867, 42.4024,
53.2763

■ 72.0313, 83.5175,
82.7916

■ 43.7201, 35.3684,
47.2319

■ 76.7466, 90.9522,
90.5164

■ 40.0914, 29.5160,
41.6909

■ 78.0591, 91.4772,
97.4277

■ 37.0663, 24.7784,
36.6365

■ 79.4375, 92.0286,
104.6864

■ 34.6076, 21.0826,
32.0504

■ 80.1049, 92.2955,
108.2006

■ 32.6731, 18.3466,
27.9128

■ 31.2147, 16.4759,
24.2018

■ 30.1744, 15.3565,
20.8918

Harmonies

Analogous

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



58.1485, 60.2526, 68.6251



58.5556, 60.2526, 66.9362



58.6162, 60.2526, 64.9228

Triad

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



58.5556, 60.2526, 66.9362



57.0296, 60.2526, 61.8485



56.2358, 60.2526, 68.1449

Complementary

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



58.5556, 60.2526, 66.9362



58.1793, 62.5668, 66.7710

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.



55.9412, 60.2526, 66.2917



58.5556, 60.2526, 66.9362



56.3970, 60.2526, 62.6746

Square

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



58.5556, 60.2526, 66.9362



57.7313, 60.2526, 62.0130



56.0000, 60.2526, 64.2912



56.8078, 60.2526, 69.3328

Rectangle

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



58.5556, 60.2526, 66.9362



58.4514, 60.2526, 63.6709



56.0000, 60.2526, 64.2912



56.1012, 60.2526, 67.5776

Sweetspot

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



58.5573, 60.2552, 66.9375



94.0663, 98.3136, 107.7061



57.7853, 59.8147, 68.8222



20.1444, 21.0609, 23.0662



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.



58.5573, 60.2552, 66.9375



91.1857, 93.3854, 104.1775



58.1470, 60.0911, 64.7769



12.6790, 12.9264, 14.4775



18.3299, 9.2048, 11.9095



1.0642, 0.5304, 0.8730

Inverse Universe

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



58.5573, 60.2552, 66.9375



91.1857, 93.3854, 104.1775



58.5960, 62.7335, 68.9651



12.6790, 12.9264, 14.4775



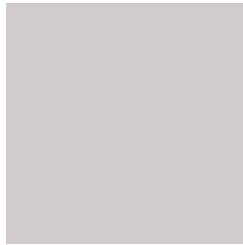
18.3299, 9.2048, 11.9095



1.0642, 0.5304, 0.8730

Previews

White Background



This preview shows how the XYZ color 58.5556, 60.2526, 66.9362 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 58.5556, 60.2526, 66.9362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

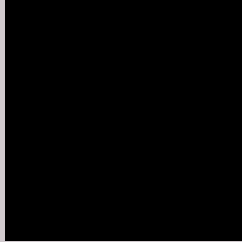
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

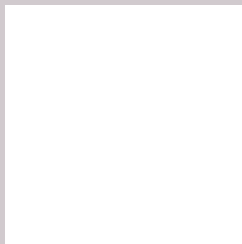
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5556, 60.2526, 66.9362

Background



This preview shows how black text looks on a background with the XYZ color 58.5556, 60.2526, 66.9362.

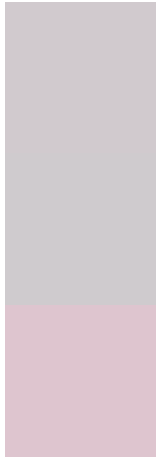


This preview shows how white text looks on a background with the XYZ color 58.5556, 60.2526,

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

58.5556, 60.2526, 66.9362

Protanopia

58.2286, 60.4335, 66.9884

Deuteranopia

61.3529, 59.9671, 67.3726



Tritanopia

59.9129, 60.1153, 73.4114

Trichromacy



Original Color

58.5556, 60.2526, 66.9362

Protanomaly

58.5089, 60.5780, 67.0015

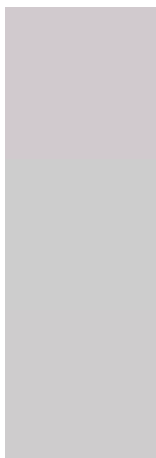
Deuteranomaly

60.3012, 60.1036, 67.4544

Tritanomaly

59.3487, 60.2284, 70.7846

Monochromacy



Original Color

58.5556, 60.2526, 66.9362

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0659, 60.7153, 66.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5556, 60.2526, 66.9362 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, 202, 206) looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 206)  
}
```

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, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 206) }
```

Border

The CSS property to change the border of an element to XYZ 58.5556, 60.2526, 66.9362 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, 202, 206) }
```


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

```
.border{ border-color:rgb(209, 202, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5556, 60.2526, 66.9362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 206) }
```

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

```
.background{ background-color: rgb(209,  
202, 206) }
```

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