

Converting Colors

XYZ(59.4496, 62.5537, 66.4588)

Have a look what the booklet for
XYZ(59.4496, 62.5537, 66.4588)
contains.

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Color

**XYZ(59.3447, 62.4433,
66.6826)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CFCD
RGB	208, 207, 205
RGB Percent	82%, 81%, 80%
CMY	0.1843, 0.1882, 0.1961
CMYK	0.00, 0.00, 0.01, 0.18
HSL	40°, 3%, 81%
HSV	40°, 1%, 82%
XYZ	59.3447, 62.4433, 66.6826
YIQ	207.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

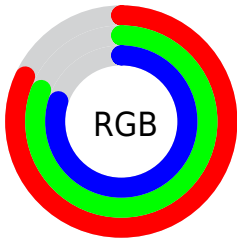
Format	Color
RYB	207, 208, 205
Decimal	13684685
CIELab	83.15, -0.01, 1.10
CIElCh	83, 1.103, 90.721
Yxy	62.4433, 0.3149, 0.3313
Android (android.graphics.Color)	4291874765 (0xFFD0CFCD)
YUV	207.0710, -1.0210, 0.8147
Hunter-Lab	79.0211, -4.2337, 5.2824

Details

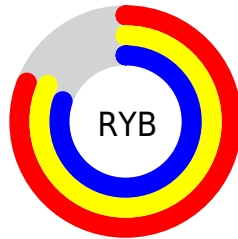
The XYZ color **59.3447, 62.4433, 66.6826** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6334, 61.6751, 68.4896**, and the grayscale version is **59.3612, 62.4526, 68.0109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3036, 31.8869, 33.8358** is the 20% darker color. If you saturate the color by 10%, you get **55.3622, 58.2323, 53.7802**, and if you desaturate by 10%, it is **63.7378, 66.9398, 81.3702**.

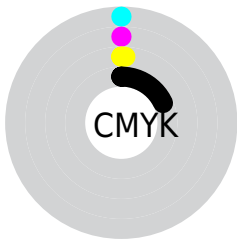
Distribution



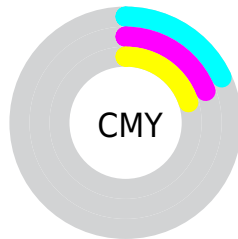
- Red (82%)
- Green (81%)
- Blue (80%)



- Red (81%)
- Yellow (82%)
- Blue (80%)



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



- Cyan (18%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3447, 62.4433, 66.6826 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 59.3447, 62.4433, 66.6826 by changing the saturation by 10% instead.

■ 59.3447, 62.4433,
66.6826

■ 59.3447, 62.4433,
66.6826

412.0517,
433.5463, 467.2848

■ 43.1381, 45.3910,
48.3668

102.9902,
108.3660, 116.1018

■ 30.1885, 31.7655,
33.7554

131.1599,
138.0051, 148.0423

■ 20.1305, 21.1825,
22.4299

164.0480,
172.6087, 185.3613

■ 12.5987, 13.2574,
13.9718

202.0198,
212.5610, 228.4776

■ 7.2279, 7.6061,
7.9625

245.4407,
258.2466, 277.8095

■ 3.6526, 3.8439,
3.9835

294.6761,

■ 1.5076, 1.5866,

310.0497, 333.7756

1.6163

350.0913,
368.3548, 396.7946

■ 0.3310, 0.3486,
0.3024

■ 0.0000, 0.0000,
0.0000

■ 59.3447, 62.4433,
66.6826

■ 59.3447, 62.4433,
66.6826

■ 55.3622, 58.2323,
53.7802

■ 63.7378, 66.9398,
81.3702

■ 51.7710, 54.2915,
42.5898

■ 68.5496, 71.7203,
97.9043

■ 48.5581, 50.6163,
33.0391

■ 71.7325, 75.9694,
105.4906

■ 45.7075, 47.1987,
25.0490

■ 73.6684, 79.8412,
106.1359

■ 43.2021, 44.0302,
18.5338

■ 75.6811, 83.8666,
106.8068

■ 41.0230, 41.1018,
13.3997

■ 77.7714, 88.0473,
107.5036

■ 39.1494, 38.4035,
9.5416

■ 79.8228, 92.1501,
108.1874

■ 37.5574, 35.9240,
6.8395

■ 36.2190, 33.6503,
5.1499

Harmonies

Analogous

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



59.5755, 62.4433, 66.8486



59.3447, 62.4433, 66.6826



59.1160, 62.4433, 66.8650

Triad

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



59.3447, 62.4433, 66.6826



58.9563, 62.4433, 68.6647



59.7522, 62.4433, 68.6358

Complementary

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



59.3447, 62.4433, 66.6826



58.6334, 61.6751, 68.4896

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.



59.5856, 62.4433, 69.1278



59.3447, 62.4433, 66.6826



59.1260, 62.4433, 69.1446

Square

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



59.3447, 62.4433, 66.6826



58.8922, 62.4433, 68.0067



59.3563, 62.4433, 69.3147



59.8112, 62.4433, 67.9736

Rectangle

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



59.3447, 62.4433, 66.6826



58.9955, 62.4433, 67.1603



59.3563, 62.4433, 69.3147



59.7069, 62.4433, 68.8268

Sweetspot

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



59.3465, 62.4460, 66.6840

95.0500, 100.0000, 108.9000



58.9853, 61.5298, 67.1610



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



59.3465, 62.4460, 66.6840



93.7016, 98.5998, 104.4533



59.4483, 62.8580, 66.7581



13.1299, 13.8161, 14.6648



22.0505, 20.0341, 2.7048



1.3041, 1.2626, 0.1750

Inverse Universe

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



58.6334, 61.6751, 68.4896



92.1216, 96.8916, 108.4544



58.5324, 61.2681, 68.4163



12.9239, 13.5934, 15.1863



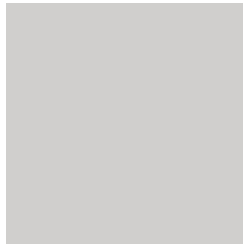
8.5053, 5.6572, 37.8362



0.5478, 0.4609, 2.1396

Previews

White Background



This preview shows how the XYZ color 59.3447, 62.4433, 66.6826 looks on a white background.

Color Contrast Check

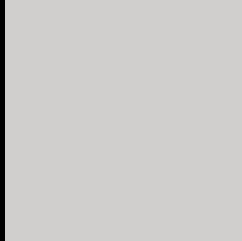
Large Text (above 18pt) WCAG AA × Fail

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 59.3447, 62.4433, 66.6826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

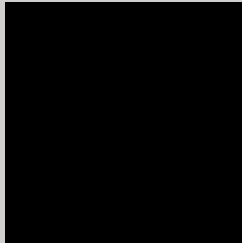
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

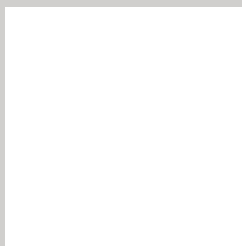
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3447, 62.4433, 66.6826

Background



This preview shows how black text looks on a background with the XYZ color 59.3447, 62.4433, 66.6826.

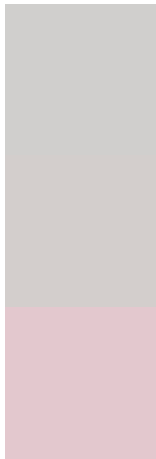


This preview shows how white text looks on a background with the XYZ color 59.3447, 62.4433,

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

59.3447, 62.4433, 66.6826

Protanopia

59.8344, 62.3511, 66.0081

Deuteranopia

63.4734, 62.0957, 67.0328



Tritanopia

61.4608, 62.5847, 77.2473

Trichromacy



Original Color

59.3447, 62.4433, 66.6826

Protanomaly

59.5487, 62.2039, 65.9947

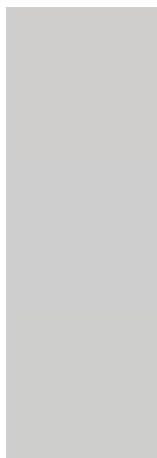
Deuteranomaly

62.0117, 62.3837, 67.1654

Tritanomaly

60.6315, 62.6042, 73.1782

Monochromacy



Original Color

59.3447, 62.4433, 66.6826

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1855, 62.3473, 67.3073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3447, 62.4433, 66.6826 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(208, 207, 205) looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 205)  
}
```

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(208, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.3447, 62.4433, 66.6826 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(208, 207, 205) }
```

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

```
.border{ border-color:rgb(208, 207, 205) }
```

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

Here you see how a box with a 4 pixel rgb(208, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 59.3447, 62.4433, 66.6826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 205) }
```

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

```
.background{ background-color: rgb(208,  
207, 205) }
```

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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