

Converting Colors

XYZ(59.5632, 62.9077, 66.6648)

Have a look what the booklet for
XYZ(59.5632, 62.9077, 66.6648)
contains.

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Color

**XYZ(59.5877, 62.9294,
66.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D0CD
RGB	208, 208, 205
RGB Percent	82%, 82%, 80%
CMY	0.1843, 0.1843, 0.1961
CMYK	0.00, 0.00, 0.01, 0.18
HSL	60°, 3%, 81%
HSV	60°, 1%, 82%
XYZ	59.5877, 62.9294, 66.7636
YIQ	207.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

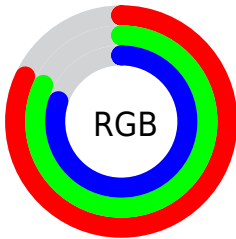
Format	Color
R _Y B	205, 208, 205
Decimal	13684941
CIE Lab	83.41, -0.54, 1.48
CIE LCh	83, 1.571, 110.001
Yxy	62.9294, 0.3148, 0.3325
Android (android.graphics.Color)	4291875021 (0xFFD0D0CD)
YUV	207.6580, -1.3104, 0.2999
Hunter-Lab	79.3281, -4.7428, 5.6303

Details

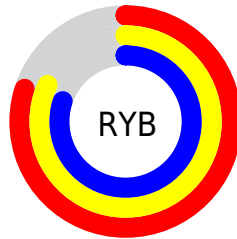
The XYZ color **59.5877, 62.9294, 66.7636** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3958, 61.1976, 68.4123**, and the grayscale version is **59.7421, 62.8533, 68.4473**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4679, 32.2156, 33.8906** is the 20% darker color. If you saturate the color by 10%, you get **57.2351, 61.9895, 54.4065**, and if you desaturate by 10%, it is **62.2777, 64.0083, 80.8816**.

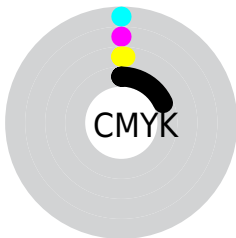
Distribution



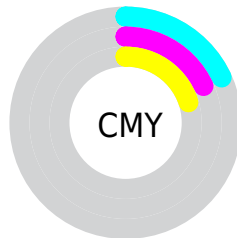
- Red (82%)
- Green (82%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5877, 62.9294, 66.7636 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 59.5877, 62.9294, 66.7636 by changing the saturation by 10% instead.

■ 59.5877, 62.9294,
66.7636

■ 59.5877, 62.9294,
66.7636

412.9355,
435.3132, 467.5814

■ 43.3346, 45.7841,
48.4321

103.3411,
109.0677, 116.2190

■ 30.3434, 32.0755,
33.8068

131.5721,
138.8294, 148.1801

■ 20.2487, 21.4192,
22.4691

164.5264,
173.5654, 185.5215

■ 12.6853, 13.4307,
14.0004

202.5694,
213.6601, 228.6616

■ 7.2877, 7.7258,
7.9822

246.0665,
259.4978, 278.0192

■ 3.6906, 3.9200,
3.9959

295.3830,

■ 1.5286, 1.6289,

311.4629, 334.0126

1.6231

350.8842,
369.9400, 397.0605

■ 0.3452, 0.3770,
0.3072

■ 0.0000, 0.0000,
0.0000

■ 59.5877, 62.9294,
66.7636

■ 59.5877, 62.9294,
66.7636

■ 57.2351, 61.9895,
54.4065

■ 62.2777, 64.0083,
80.8816

■ 55.2016, 61.1752,
43.7373

■ 65.3121, 65.2229,
96.8214

■ 53.4749, 60.4837,
34.6841

■ 66.6425, 65.7559,
103.7875

■ 52.0401, 59.9089,
27.1680

■ 66.6500, 65.7598,
103.7878

■ 50.8811, 59.4444,
21.1039

■ 66.6576, 65.7637,
103.7882

■ 49.9800, 59.0831,
16.3979

■ 66.6651, 65.7676,
103.7885

■ 49.3169, 58.8170,
12.9455

■ 66.6726, 65.7715,
103.7889

■ 48.8692, 58.6370,
10.6271

■ 66.6802, 65.7754,
103.7892

■ 48.6096, 58.5323,
9.2995

■ 66.6877, 65.7793,
103.7896

Harmonies

Analogous

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



59.9268, 62.9294, 66.6800



59.5877, 62.9294, 66.7636



59.3098, 62.9294, 67.3151

Triad

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



59.5877, 62.9294, 66.7636



59.3905, 62.9294, 69.9734



60.4629, 62.9294, 68.8472

Complementary

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



59.5877, 62.9294, 66.7636



58.3958, 61.1976, 68.4123

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.



60.3181, 62.9294, 69.7380



59.5877, 62.9294, 66.7636



59.6983, 62.9294, 70.3923

Square

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



59.5877, 62.9294, 66.7636



59.1962, 62.9294, 69.1661



60.0379, 62.9294, 70.3058



60.4330, 62.9294, 67.8768

Rectangle

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



59.5877, 62.9294, 66.7636



59.1962, 62.9294, 67.8769



60.0379, 62.9294, 70.3058



60.4330, 62.9294, 69.1660

Sweetspot

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



59.5895, 62.9321, 66.7650

95.0500, 100.0000, 108.9000



58.8651, 61.4818, 66.5232



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.



59.5895, 62.9321, 66.7650



94.2372, 99.6746, 104.6326



59.1703, 62.7160, 66.7454



13.1996, 13.9561, 14.6881



30.2242, 36.4501, 5.4426



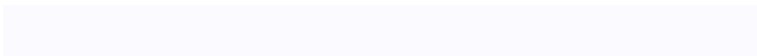
1.6904, 2.0383, 0.3043

Inverse Universe

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



58.3958, 61.1976, 68.4123



91.5954, 95.8358, 108.2783



58.8110, 61.4116, 68.4317



12.8553, 13.4557, 15.1633



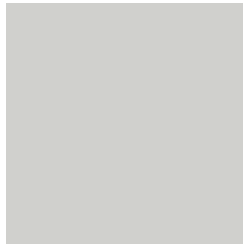
7.0986, 2.8397, 37.3665



0.3974, 0.1590, 2.0893

Previews

White Background



This preview shows how the XYZ color 59.5877, 62.9294, 66.7636 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 59.5877, 62.9294, 66.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

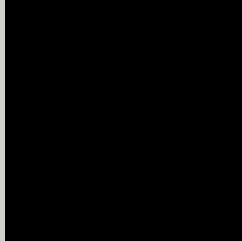
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

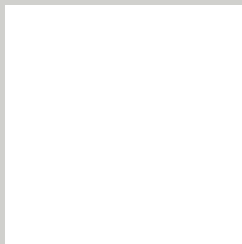
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5877, 62.9294, 66.7636

Background



This preview shows how black text looks on a background with the XYZ color 59.5877, 62.9294, 66.7636.



This preview shows how white text looks on a background with the XYZ color 59.5877, 62.9294,

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

59.5877, 62.9294, 66.7636

Protanopia

60.3633, 62.9823, 66.1021

Deuteranopia

64.0221, 62.7235, 67.1250



Tritanopia

61.8801, 62.7855, 77.9646

Trichromacy



Original Color

59.5877, 62.9294, 66.7636

Protanomaly

60.0759, 62.8342, 66.0886

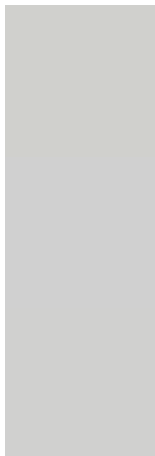
Deuteranomaly

62.5522, 63.0141, 67.2586

Tritanomaly

61.0443, 62.8021, 73.8704

Monochromacy



Original Color

59.5877, 62.9294, 66.7636

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8308, 63.0266, 68.0434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5877, 62.9294, 66.7636 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, 208, 205) looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 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, 208, 205) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 59.5877, 62.9294, 66.7636 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, 208, 205) }
```

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

```
.border{ border-color:rgb(208, 208, 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, 208, 205)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 59.5877, 62.9294, 66.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(208,  
208, 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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