

Converting Colors

XYZ(58.5243, 61.5596, 66.2943)

Have a look what the booklet for
XYZ(58.5243, 61.5596, 66.2943)
contains.

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Color

**XYZ(58.5444, 61.6722,
66.5759)**

Conversions

Conversions Part 1

Format	Color
Hex	CECECD
RGB	206, 206, 205
RGB Percent	81%, 81%, 80%
CMY	0.1922, 0.1921, 0.1961
CMYK	0.00, 0.00, 0.00, 0.19
HSL	60°, 1%, 81%
HSV	60°, 0%, 81%
XYZ	58.5444, 61.6722, 66.5759
YIQ	205.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

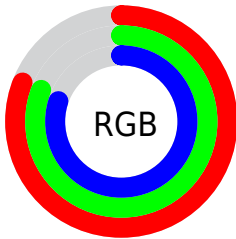
Format	Color
R _Y B	205, 206, 205
Decimal	13553357
CIE Lab	82.74, -0.18, 0.49
CIE LCh	83, 0.518, 109.992
Yxy	61.6722, 0.3134, 0.3302
Android (android.graphics.Color)	4291743437 (0xFFCECECD)
YUV	205.8860, -0.4368, 0.1000
Hunter-Lab	78.5316, -4.3608, 4.7085

Details

The XYZ color **58.5444, 61.6722, 66.5759** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1510, 61.0996, 67.1241**, and the grayscale version is **58.5974, 61.6490, 67.1358**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7630, 31.3662, 33.7638** is the 20% darker color. If you saturate the color by 10%, you get **56.2016, 60.7349, 54.3289**, and if you desaturate by 10%, it is **61.2181, 62.7458, 80.5501**.

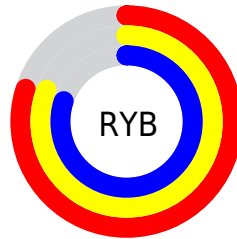
Distribution



Red (81%)

Green (81%)

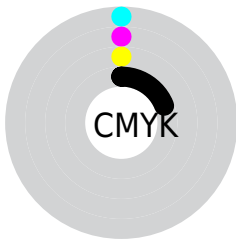
Blue (80%)



Red (80%)

Yellow (81%)

Blue (80%)

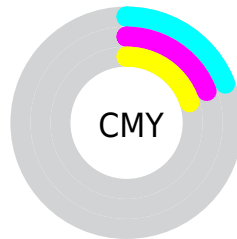


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5444, 61.6722, 66.5759 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 58.5444, 61.6722, 66.5759 by changing the saturation by 10% instead.

■ 58.5444, 61.6722,
66.5759

■ 58.5444, 61.6722,
66.5759

409.1327,
430.7344, 466.8940

■ 42.4914, 44.7679,
48.2806

101.8336,
107.2516, 115.9474

■ 29.6791, 31.2746,
33.6876

129.8006,
136.6955, 147.8607

■ 19.7420, 20.8081,
22.3783

162.4696,
171.0881, 185.1504

■ 12.3148, 12.9838,
13.9342

200.2060,
210.8137, 228.2350

■ 7.0322, 7.4174,
7.9367

243.3751,
256.2567, 277.5332

■ 3.5287, 3.7245,
3.9673

292.3424,

■ 1.4391, 1.5207,

307.8016, 333.4634

1.6074

347.4731,
365.8327, 396.4441

■ 0.2839, 0.3032,
0.2961

■ 0.0000, 0.0000,
0.0000

■ 58.5444, 61.6722,
66.5759

■ 58.5444, 61.6722,
66.5759

■ 56.2016, 60.7349,
54.3289

■ 61.2181, 62.7458,
80.5501

■ 54.1719, 59.9208,
43.7383

■ 64.2296, 63.9526,
96.3106

■ 52.4435, 59.2273,
34.7340

■ 65.6327, 64.5160,
103.6014

■ 51.0019, 58.6485,
27.2399

■ 65.6514, 64.5256,
103.6022

■ 49.8313, 58.1781,
21.1732

■ 65.6702, 64.5353,
103.6031

■ 48.9146, 57.8093,
16.4434

■ 65.6890, 64.5450,
103.6040

■ 48.2326, 57.5343,
12.9495

■ 65.7077, 64.5546,
103.6049

■ 47.7634, 57.3445,
10.5763

■ 65.7265, 64.5643,
103.6057

■ 47.4811, 57.2294,
9.1870

■ 65.7453, 64.5740,
103.6066

Harmonies

Analogous

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



58.6548, 61.6722, 66.5484



58.5444, 61.6722, 66.5759



58.4537, 61.6722, 66.7571

Triad

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



58.5444, 61.6722, 66.5759



58.4800, 61.6722, 67.6214



58.8287, 61.6722, 67.2572

Complementary

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



58.5444, 61.6722, 66.5759



58.1510, 61.0996, 67.1241

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.



58.7817, 61.6722, 67.5456



58.5444, 61.6722, 66.5759



58.5804, 61.6722, 67.7563

Square

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



58.5444, 61.6722, 66.5759



58.4166, 61.6722, 67.3604



58.6908, 61.6722, 67.7285



58.8190, 61.6722, 66.9411

Rectangle

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



58.5444, 61.6722, 66.5759



58.4166, 61.6722, 66.9409



58.6908, 61.6722, 67.7285



58.8190, 61.6722, 67.3606

Sweetspot

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



58.5461, 61.6749, 66.5772

95.0500, 100.0000, 108.9000



58.3062, 61.1937, 66.4970



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.



58.5461, 61.6749, 66.5772



94.6390, 99.8353, 106.7519



58.4080, 61.6036, 66.5708



12.5785, 13.2665, 14.2045



29.1511, 35.2033, 5.2585



1.5051, 1.8167, 0.2713

Inverse Universe

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



58.1510, 61.0996, 67.1241



93.3130, 97.9049, 108.5872



58.2887, 61.1706, 67.1306



12.4150, 13.0285, 14.4308



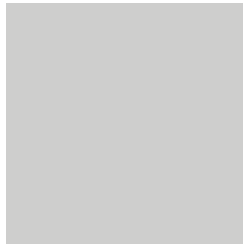
6.8668, 2.7475, 36.1247



0.3555, 0.1424, 1.8637

Previews

White Background



This preview shows how the XYZ color 58.5444, 61.6722, 66.5759 looks on a white background.

Color Contrast Check

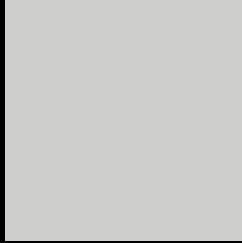
Large Text (above 18pt) WCAG AA × Fail

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 58.5444, 61.6722, 66.5759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

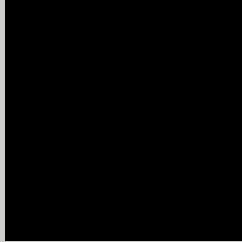
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

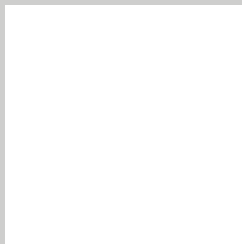
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5444, 61.6722, 66.5759

Background



This preview shows how black text looks on a background with the XYZ color 58.5444, 61.6722, 66.5759.

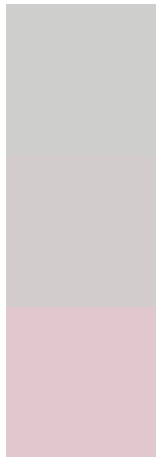


This preview shows how white text looks on a background with the XYZ color 58.5444, 61.6722,

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

58.5444, 61.6722, 66.5759

Protanopia

59.3087, 61.7239, 65.9147

Deuteranopia

62.6153, 61.3106, 66.9265



Tritanopia

60.5236, 61.7629, 76.4417

Trichromacy



Original Color

58.5444, 61.6722, 66.5759

Protanomaly

59.0249, 61.5776, 65.9015

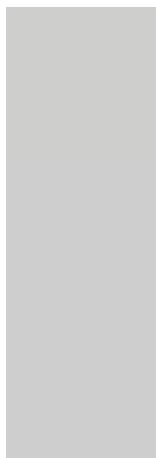
Deuteranomaly

61.1746, 61.6027, 67.0588

Tritanomaly

59.8292, 61.8343, 73.0719

Monochromacy



Original Color

58.5444, 61.6722, 66.5759

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6655, 61.7207, 67.2138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5444, 61.6722, 66.5759 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(206, 206, 205) looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 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(206, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.5444, 61.6722, 66.5759 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(206, 206, 205) }
```

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

```
.border{ border-color:rgb(206, 206, 205) }
```

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

Here you see how a box with a 4 pixel rgb(206, 206, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 58.5444, 61.6722, 66.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 205) }
```

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

```
.background{ background-color: rgb(206,  
206, 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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