

Converting Colors

XYZ(58.7859, 62.1552, 66.6564)

Have a look what the booklet for
XYZ(58.7859, 62.1552, 66.6564)
contains.

XYZ(58.7859, 62.1552, 66.6564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(58.7859, 62.1552,
66.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	CECFCD
RGB	206, 207, 205
RGB Percent	81%, 81%, 80%
CMY	0.1922, 0.1882, 0.1961
CMYK	0.00, 0.00, 0.01, 0.19
HSL	90°, 2%, 81%
HSV	90°, 1%, 81%
XYZ	58.7859, 62.1552, 66.6564
YIQ	206.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

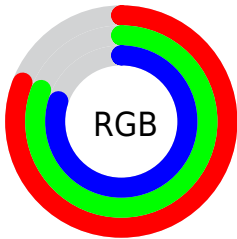
Format	Color
RYB	205, 207, 206
Decimal	13553613
CIELab	83.00, -0.70, 0.86
CIElCh	83, 1.111, 129.130
Yxy	62.1552, 0.3134, 0.3313
Android (android.graphics.Color)	4291743693 (0xFFCECFCD)
YUV	206.4730, -0.7262, -0.4148
Hunter-Lab	78.8386, -4.8692, 5.0585

Details

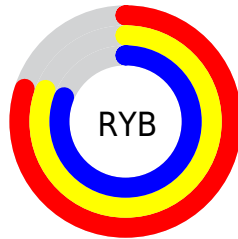
The XYZ color **58.7859, 62.1552, 66.6564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5496, 61.2910, 67.7790**, and the grayscale version is **58.9753, 62.0467, 67.5688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9260, 31.6922, 33.8181** is the 20% darker color. If you saturate the color by 10%, you get **53.6675, 59.7882, 54.2247**, and if you desaturate by 10%, it is **64.4283, 64.7576, 80.8410**.

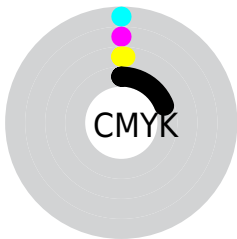
Distribution



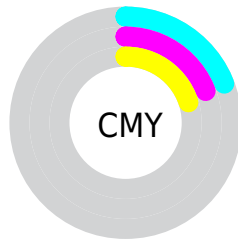
- Red (81%)
- Green (81%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7859, 62.1552, 66.6564 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 58.7859, 62.1552, 66.6564 by changing the saturation by 10% instead.

■ 58.7859, 62.1552,
66.6564

■ 58.7859, 62.1552,
66.6564

410.0148,
432.4970, 467.1889

■ 42.6865, 45.1581,
48.3456

102.1828,
107.9498, 116.0639

■ 29.8327, 31.5820,
33.7387

130.2111,
137.5161, 147.9977

■ 19.8591, 21.0424,
22.4172

162.9463,
172.0410, 185.3095

■ 12.4003, 13.1550,
13.9625

200.7539,
211.9087, 228.4180

■ 7.0910, 7.5354,
7.9562

243.9992,
257.5038, 277.7416

■ 3.5659, 3.7991,
3.9795

293.0475,

■ 1.4596, 1.5618,

309.2106, 333.6990

1.6141

348.2643,
367.4136, 396.7085

■ 0.2981, 0.3317,
0.3009

■ 0.0000, 0.0000,
0.0000

■ 58.7859, 62.1552,
66.6564

■ 58.7859, 62.1552,
66.6564

■ 53.6675, 59.7882,
54.2247

■ 64.4283, 64.7576,
80.8410

■ 49.0514, 57.6417,
43.4738

■ 70.6051, 67.5942,
96.8387

■ 44.9218, 55.7109,
34.3325

■ 75.3224, 69.8697,
104.1240

■ 41.2602, 53.9879,
26.7233

■ 78.8864, 71.7070,
104.2908

■ 38.0465, 52.4642,
20.5618

■ 81.6040, 73.1080,
104.4180

■ 35.2592, 51.1308,
15.7559

■ 32.8745, 49.9776,
12.2025

■ 30.8656, 48.9934,
9.7841

■ 29.2013, 48.1652,
8.3604

Harmonies

Analogous

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



59.0035, 62.1552, 66.3799



58.7859, 62.1552, 66.6564



58.6465, 62.1552, 67.2067

Triad

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



58.7859, 62.1552, 66.6564



58.9124, 62.1552, 68.9189



59.5335, 62.1552, 67.4669

Complementary

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



58.7859, 62.1552, 66.6564



58.5496, 61.2910, 67.7790

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.



59.5089, 62.1552, 68.1484



58.7859, 62.1552, 66.6564



59.1499, 62.1552, 68.9897

Square

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



58.7859, 62.1552, 66.6564



58.7194, 62.1552, 68.5139



59.3684, 62.1552, 68.7068



59.4354, 62.1552, 66.8458

Rectangle

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



58.7859, 62.1552, 66.6564



58.6164, 62.1552, 67.6564



59.3684, 62.1552, 68.7068



59.5393, 62.1552, 67.6965

Sweetspot

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



58.7877, 62.1579, 66.6578

95.0500, 100.0000, 108.9000



58.8252, 61.8181, 66.5902



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.



58.7877, 62.1579, 66.6578



94.1739, 99.5955, 106.7301



58.5109, 62.0152, 66.6448



13.1914, 13.9458, 14.9617



17.7161, 30.0019, 4.8572



1.0821, 1.7247, 0.2759

Inverse Universe

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



58.5496, 61.2910, 67.7790



93.7751, 98.1431, 108.6088



58.8282, 61.4347, 67.7921



13.1395, 13.7566, 15.2064



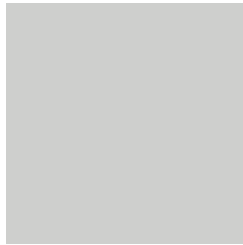
10.7771, 4.7361, 37.5386



0.6941, 0.3120, 2.1032

Previews

White Background



This preview shows how the XYZ color 58.7859, 62.1552, 66.6564 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 58.7859, 62.1552, 66.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

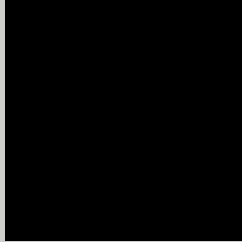
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

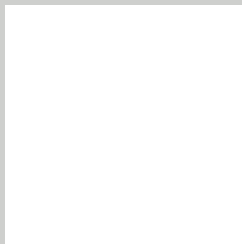
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7859, 62.1552, 66.6564

Background



This preview shows how black text looks on a background with the XYZ color 58.7859, 62.1552, 66.6564.

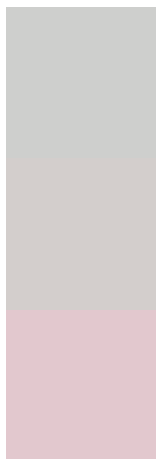


This preview shows how white text looks on a background with the XYZ color 58.7859, 62.1552,

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

58.7859, 62.1552, 66.6564

Protanopia

59.8344, 62.3511, 66.0081

Deuteranopia

63.1589, 61.9335, 67.0181



Tritanopia

60.8949, 62.2930, 77.2209

Trichromacy



Original Color

58.7859, 62.1552, 66.6564

Protanomaly

59.2649, 62.0576, 65.9815

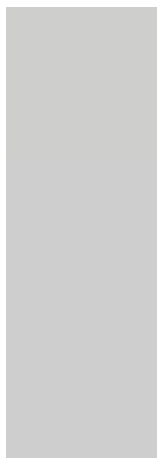
Deuteranomaly

61.7099, 62.2282, 67.1513

Tritanomaly

60.0692, 62.3143, 73.1519

Monochromacy



Original Color

58.7859, 62.1552, 66.6564

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 58.7859, 62.1552, 66.6564 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, 207, 205) looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 58.7859, 62.1552, 66.6564 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, 207, 205) }
```

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

```
.border{ border-color:rgb(206, 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(206, 207, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(206, 207,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 58.7859, 62.1552, 66.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 207, 205) }
```

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

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