

Converting Colors

XYZ(58.3636, 61.4739, 66.9869)

Have a look what the booklet for
XYZ(58.3636, 61.4739, 66.9869)
contains.

XYZ(58.3887, 61.5780, 67.2008)	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(58.3887, 61.5780,
67.2008)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCECE
RGB	205, 206, 206
RGB Percent	80%, 81%, 81%
CMY	0.1961, 0.1921, 0.1922
CMYK	0.00, 0.00, 0.00, 0.19
HSL	180°, 1%, 81%
HSV	180°, 0%, 81%
XYZ	58.3887, 61.5780, 67.2008
YIQ	205.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

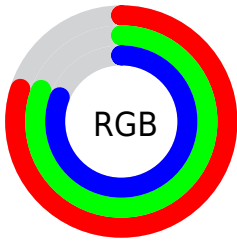
Format	Color
R _Y B	205, 206, 206
Decimal	13487822
CIE Lab	82.69, -0.34, -0.13
CIE LCh	83, 0.362, 200.925
Yxy	61.5780, 0.3120, 0.3290
Android (android.graphics.Color)	4291677902 (0xFFCDCECE)
YUV	205.7010, 0.1474, -0.6148
Hunter-Lab	78.4717, -4.5082, 4.1560

Details

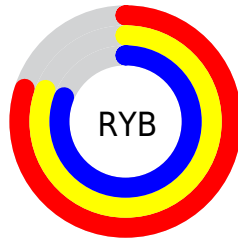
The XYZ color **58.3887, 61.5780, 67.2008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3067, 61.1938, 66.4992**, and the grayscale version is **58.4759, 61.5212, 66.9966**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6582, 31.3028, 34.1846** is the 20% darker color. If you saturate the color by 10%, you get **53.0675, 58.8376, 66.9057**, and if you desaturate by 10%, it is **64.4616, 64.7094, 67.5336**.

Distribution



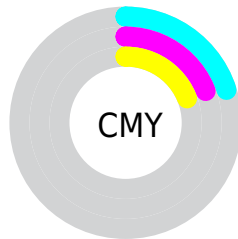
- Red (80%)
- Green (81%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3887, 61.5780, 67.2008 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 58.3887, 61.5780, 67.2008 by changing the saturation by 10% instead.

■ 58.3887, 61.5780,
67.2008

■ 58.3887, 61.5780,
67.2008

408.5633,
430.3901, 469.1801

■ 42.3657, 44.6918,
48.7852

101.6084,
107.1154, 116.8515

■ 29.5801, 31.2147,
34.0847

129.5358,
136.5354, 148.9236

■ 19.6666, 20.7624,
22.6808

162.1620,
170.9021, 186.3851

■ 12.2598, 12.9505,
14.1549

199.8525,
210.5999, 229.6543

■ 6.9943, 7.3944,
8.0885

242.9725,
256.0132, 279.1499

■ 3.5048, 3.7100,
4.0631

291.8874,

■ 1.4260, 1.5127,

307.5264, 335.2903

1.6600

346.9625,
365.5239, 398.4942

■ 0.2746, 0.2976,
0.3331

■ 0.0000, 0.0000,
0.0000

■ 58.3887, 61.5780,
67.2008

■ 58.3887, 61.5780,
67.2008

■ 53.0675, 58.8376,
66.9057

■ 64.4616, 64.7094,
67.5336

■ 48.4638, 56.4653,
66.6429

■ 71.3084, 68.2380,
67.9015

■ 44.5484, 54.4479,
66.4123

■ 74.4805, 69.8722,
68.0974

■ 41.2882, 52.7683,
66.2125

■ 74.4896, 69.8759,
68.1452

■ 38.6473, 51.4079,
66.0416

■ 74.4987, 69.8795,
68.1931

■ 36.5865, 50.3466,
65.8979

■ 74.5078, 69.8831,
68.2410

■ 35.0619, 49.5617,
65.7794

■ 74.5169, 69.8868,
68.2890

■ 34.0236, 49.0274,
65.6836

■ 74.5260, 69.8904,
68.3369

■ 33.4121, 48.7133,
65.6078

■ 74.5351, 69.8941,
68.3849

Harmonies

Analogous

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



58.3807, 61.5780, 66.9806



58.3887, 61.5780, 67.2008



58.4340, 61.5780, 67.3805

Triad

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



58.3887, 61.5780, 67.2008



58.6440, 61.5780, 67.3179



58.5516, 61.5780, 66.6266

Complementary

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



58.3887, 61.5780, 67.2008



58.3067, 61.1938, 66.4992

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.



58.6222, 61.5780, 66.7166



58.3887, 61.5780, 67.2008



58.6756, 61.5780, 67.1154

Square

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



58.3887, 61.5780, 67.2008



58.5814, 61.5780, 67.4481



58.6676, 61.5780, 66.8954



58.4747, 61.5780, 66.6494

Rectangle

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



58.3887, 61.5780, 67.2008



58.4793, 61.5780, 67.4529



58.6676, 61.5780, 66.8954



58.5768, 61.5780, 66.6447

Sweetspot

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



58.3904, 61.5806, 67.2021

95.0500, 100.0000, 108.9000



58.2739, 61.5346, 66.5644



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.



58.3904, 61.5806, 67.2021



94.1166, 99.5190, 108.8485



58.2743, 61.3476, 67.1656



12.5140, 13.2275, 14.4630



20.3959, 29.9037, 40.3655



1.0528, 1.5429, 2.0855

Inverse Universe

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



58.3067, 61.1938, 66.4992



93.8355, 98.2212, 106.4904



58.4225, 61.4261, 66.5356



12.4794, 13.0675, 14.1723



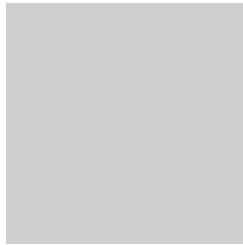
15.6768, 8.0813, 0.7508



0.8093, 0.4171, 0.0418

Previews

White Background



This preview shows how the XYZ color 58.3887, 61.5780, 67.2008 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 58.3887, 61.5780, 67.2008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

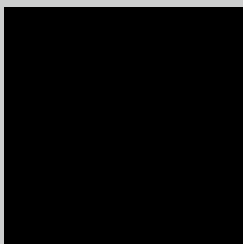
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

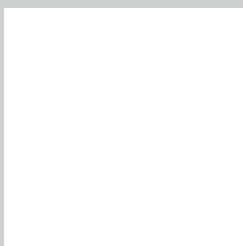
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3887, 61.5780, 67.2008

Background



This preview shows how black text looks on a background with the XYZ color 58.3887, 61.5780, 67.2008.

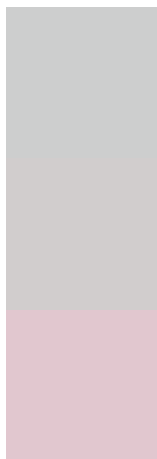


This preview shows how white text looks on a background with the XYZ color 58.3887, 61.5780,

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

58.3887, 61.5780, 67.2008

Protanopia

59.1453, 61.6257, 66.5353

Deuteranopia

62.7372, 61.3594, 67.5684



Tritanopia

60.2433, 61.6184, 76.4285

Trichromacy



Original Color

58.3887, 61.5780, 67.2008

Protanomaly

58.8632, 61.4803, 66.5221

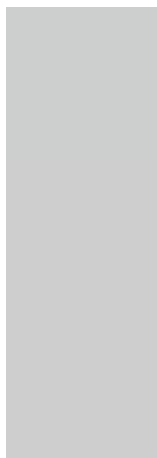
Deuteranomaly

61.2965, 61.6515, 67.7007

Tritanomaly

59.5507, 61.6908, 73.0588

Monochromacy



Original Color

58.3887, 61.5780, 67.2008

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 58.3887, 61.5780, 67.2008 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(205, 206, 206) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 58.3887, 61.5780, 67.2008 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(205, 206, 206) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 58.3887, 61.5780, 67.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(205,  
206, 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](#).

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