

Converting Colors

XYZ(58.9688, 60.3207, 73.5008)

Have a look what the booklet for
XYZ(58.9688, 60.3207, 73.5008)
contains.

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Color

**XYZ(58.9688, 60.3207,
73.5008)**

Conversions

Conversions Part 1

Format	Color
Hex	CECAD8
RGB	206, 202, 216
RGB Percent	81%, 79%, 85%
CMY	0.1922, 0.2078, 0.1529
CMYK	0.05, 0.06, 0.00, 0.15
HSL	257°, 15%, 82%
HSV	257°, 6%, 85%
XYZ	58.9688, 60.3207, 73.5008
YIQ	204.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

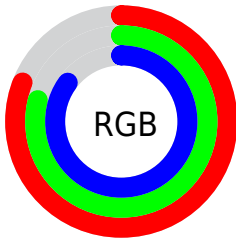
Format	Color
R _Y B	206, 202, 216
Decimal	13552344
CIE Lab	82.01, 3.98, -6.46
CIE LCh	82, 7.586, 301.645
Yxy	60.3207, 0.3059, 0.3129
Android (android.graphics.Color)	4291742424 (0xFFCECAD8)
YUV	204.7920, 5.5255, 1.0594
Hunter-Lab	77.6664, -0.3887, -1.7435

Details

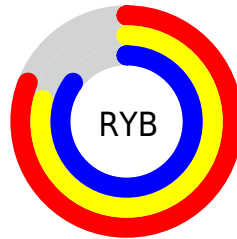
The XYZ color **58.9688, 60.3207, 73.5008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3701, 67.3746, 65.5974**, and the grayscale version is **57.8646, 60.8781, 66.2962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9718, 30.4284, 38.0118** is the 20% darker color. If you saturate the color by 10%, you get **50.1757, 48.7847, 71.7385**, and if you desaturate by 10%, it is **68.8954, 73.4974, 75.5219**.

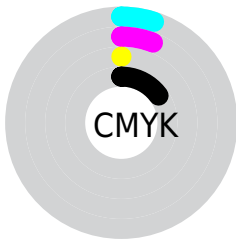
Distribution



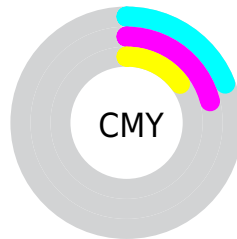
- Red (81%)
- Green (79%)
- Blue (85%)



- Red (81%)
- Yellow (79%)
- Blue (85%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9688, 60.3207, 73.5008 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 58.9688, 60.3207, 73.5008 by changing the saturation by 10% instead.

■ 58.9688, 60.3207,
73.5008

■ 58.9688, 60.3207,
73.5008

410.6822,
425.7789, 491.8659

■ 42.8343, 43.6772,
53.8912

102.4472,
105.2947, 125.9154

■ 29.9491, 30.4168,
38.1221

130.5218,
134.3941, 159.5575

■ 19.9478, 20.1552,
25.7749

163.3071,
168.4141, 198.7143

■ 12.4652, 12.5079,
16.4311

201.1685,
207.7392, 243.8041

■ 7.1357, 7.0906,
9.6721

244.4714,
252.7539, 295.2457

■ 3.5942, 3.5188,
5.0793

293.5811,

■ 1.4752, 1.4082,

303.8424, 353.4575

2.2343

348.8629,
361.3893, 418.8580

■ 0.3089, 0.2228,
0.6941

■ 0.0000, 0.0000,
0.0000

■ 58.9688, 60.3207,
73.5008

■ 58.9688, 60.3207,
73.5008

■ 50.1757, 48.7847,
71.7385

■ 68.8954, 73.4974,
75.5219

■ 42.4696, 38.8170,
70.2207

■ 79.9894, 88.3682,
77.8075

■ 35.8081, 30.3508,
68.9376

■ 88.4074, 97.2289,
79.0741

■ 30.1443, 23.3117,
67.8775

■ 89.3948, 97.7379,
79.1203

■ 25.4273, 17.6189,
67.0273

■ 21.6014, 13.1831,
66.3727

■ 18.6049, 9.9040,
65.8977

■ 16.3667, 7.6652,
65.5836

■ 14.8000, 6.3204,
65.4066

Harmonies

Analogous

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



57.4217, 60.3207, 74.9236



58.9688, 60.3207, 73.5008



60.0943, 60.3207, 69.9702

Triad

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



58.9688, 60.3207, 73.5008



58.8124, 60.3207, 58.1982



54.3008, 60.3207, 65.9333

Complementary

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



58.9688, 60.3207, 73.5008



62.3701, 67.3746, 65.5974

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.



54.6577, 60.3207, 61.5669



58.9688, 60.3207, 73.5008



57.2444, 60.3207, 57.2279

Square

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



58.9688, 60.3207, 73.5008



60.0028, 60.3207, 61.1465



55.7278, 60.3207, 58.4328



54.7436, 60.3207, 70.4301

Rectangle

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



58.9688, 60.3207, 73.5008



60.4435, 60.3207, 66.9727



55.7278, 60.3207, 58.4328



54.3311, 60.3207, 64.4021

Sweetspot

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



58.9706, 60.3233, 73.5021



92.1167, 96.1046, 108.3027



60.3056, 64.6199, 74.2611



19.7475, 20.6111, 23.1875



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.9706, 60.3233, 73.5021



83.7238, 85.0077, 106.6032



60.9480, 61.3427, 73.5947



12.0724, 12.1787, 15.6520



8.5929, 3.5823, 38.6917



0.5995, 0.2579, 2.3375

Inverse Universe

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



61.3251, 61.5961, 70.9473



87.9600, 87.2983, 101.9795



60.4046, 66.3614, 65.5054



12.7948, 12.5694, 14.8596



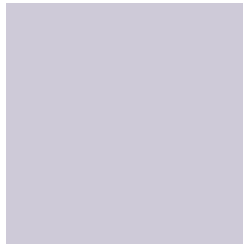
20.2785, 10.0477, 19.3026



1.2579, 0.6200, 1.3477

Previews

White Background



This preview shows how the XYZ color 58.9688, 60.3207, 73.5008 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 58.9688, 60.3207, 73.5008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

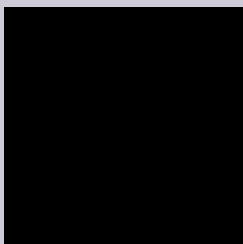
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

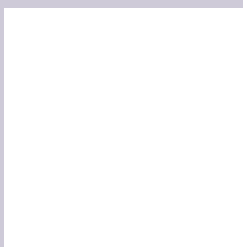
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9688, 60.3207, 73.5008

Background



This preview shows how black text looks on a background with the XYZ color 58.9688, 60.3207, 73.5008.

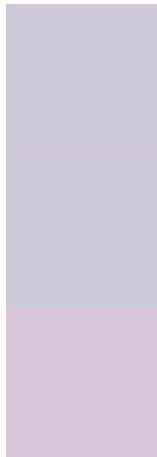


This preview shows how white text looks on a background with the XYZ color 58.9688, 60.3207,

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

58.9688, 60.3207, 73.5008

Protanopia

58.6524, 60.5071, 73.5535

Deuteranopia

61.6319, 60.3033, 74.0370



Tritanopia

59.2290, 60.4248, 74.8711

Trichromacy



Original Color

58.9688, 60.3207, 73.5008

Protanomaly

58.9274, 60.6489, 73.5663

Deuteranomaly

60.6794, 60.1527, 74.0581

Tritanomaly

59.0985, 60.3726, 74.1839

Monochromacy



Original Color

58.9688, 60.3207, 73.5008

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2783, 60.7683, 68.9795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9688, 60.3207, 73.5008 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, 202, 216) looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 216)  
}
```

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, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.9688, 60.3207, 73.5008 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, 202, 216) }
```


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

```
.border{ border-color:rgb(206, 202, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9688, 60.3207, 73.5008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 216) }
```

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

```
.background{ background-color: rgb(206,  
202, 216) }
```

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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