

Converting Colors

XYZ(59.0424, 61.8599, 67.0303)

Have a look what the booklet for
XYZ(59.0424, 61.8599, 67.0303)
contains.

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Color

**XYZ(59.2243, 62.0087,
67.2399)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CECE
RGB	208, 206, 206
RGB Percent	82%, 81%, 81%
CMY	0.1843, 0.1921, 0.1922
CMYK	0.00, 0.01, 0.01, 0.18
HSL	0°, 2%, 81%
HSV	0°, 1%, 82%
XYZ	59.2243, 62.0087, 67.2399
YIQ	206.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

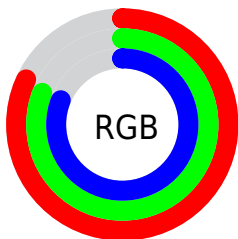
Format	Color
R _Y B	208, 206, 206
Decimal	13684430
CIE Lab	82.92, 0.69, 0.23
CIE LCh	83, 0.729, 18.685
Yxy	62.0087, 0.3142, 0.3290
Android (android.graphics.Color)	4291874510 (0xFFD0CECE)
YUV	206.5980, -0.2948, 1.2296
Hunter-Lab	78.7456, -3.5556, 4.4949

Details

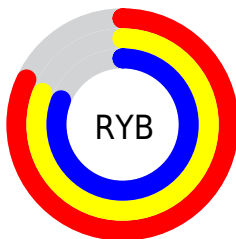
The XYZ color **59.2243, 62.0087, 67.2399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3947, 62.7869, 68.6641**, and the grayscale version is **59.0524, 62.1277, 67.6571**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2222, 31.5935, 34.2110** is the 20% darker color. If you saturate the color by 10%, you get **52.1905, 51.7203, 53.2427**, and if you desaturate by 10%, it is **67.2564, 73.7569, 83.2212**.

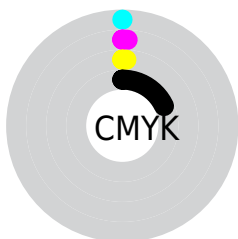
Distribution



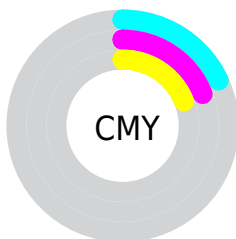
- Red (82%)
- Green (81%)
- Blue (81%)



- Red (82%)
- Yellow (81%)
- Blue (81%)



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



- Cyan (18%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2243, 62.0087, 67.2399 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 59.2243, 62.0087, 67.2399 by changing the saturation by 10% instead.

■ 59.2243, 62.0087,
67.2399

■ 59.2243, 62.0087,
67.2399

411.6133,
431.9628, 469.3229

■ 43.0408, 45.0397,
48.8168

102.8164,
107.7381, 116.9080

■ 30.1118, 31.4887,
34.1096

130.9556,
137.2673, 148.9901

■ 20.0719, 20.9713,
22.6998

163.8108,
171.7521, 186.4622

■ 12.5559, 13.1030,
14.1688

201.7473,
211.5768, 229.7430

■ 7.1983, 7.4995,
8.0980

245.1304,
257.1258, 279.2509

■ 3.6339, 3.7764,
4.0691

294.3256,

■ 1.4972, 1.5493,

308.7836, 335.4045

1.6633

349.6981,
366.9344, 398.6223

■ 0.3239, 0.3230,
0.3354

■ 0.0000, 0.0000,
0.0000

■ 59.2243, 62.0087,
67.2399

■ 59.2243, 62.0087,
67.2399

■ 52.1905, 51.7203,
53.2427

■ 67.2564, 73.7569,
83.2212

■ 46.1110, 42.8271,
41.1483

■ 76.3181, 87.0103,
101.2555

■ 40.9464, 35.2714,
30.8759

■ 79.8228, 92.1501,
108.1874

■ 36.6523, 28.9887,
22.3372

■ 33.1808, 23.9088,
15.4366

■ 30.4795, 19.9551,
10.0693

■ 28.4897, 17.0418,
6.1185

■ 27.1443, 15.0711,
3.4504

■ 26.3638, 13.9266,
1.9058

Harmonies

Analogous

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



59.2344, 62.0087, 67.6870



59.2243, 62.0087, 67.2399



59.1373, 62.0087, 66.8686

Triad

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



59.2243, 62.0087, 67.2399



58.7106, 62.0087, 66.9468



58.8781, 62.0087, 68.3696

Complementary

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



59.2243, 62.0087, 67.2399



59.3947, 62.7869, 68.6641

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.



58.7380, 62.0087, 68.1694



59.2243, 62.0087, 67.2399



58.6414, 62.0087, 67.3472

Square

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



59.2243, 62.0087, 67.2399



58.8406, 62.0087, 66.6999



58.6514, 62.0087, 67.7947



59.0343, 62.0087, 68.3406

Rectangle

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



59.2243, 62.0087, 67.2399



59.0474, 62.0087, 66.7134



58.6514, 62.0087, 67.7947



58.8276, 62.0087, 68.3269

Sweetspot

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



59.2261, 62.0114, 67.2412

95.0500, 100.0000, 108.9000



59.4698, 62.1075, 68.5290



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.



59.2261, 62.0114, 67.2412



93.8354, 98.2234, 106.4832



59.4667, 62.4927, 67.3215



13.1473, 13.7670, 14.9295



16.2156, 8.3642, 0.7598



0.9073, 0.4689, 0.0427

Inverse Universe

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



59.3947, 62.7869, 68.6641



94.1166, 99.5167, 108.8559



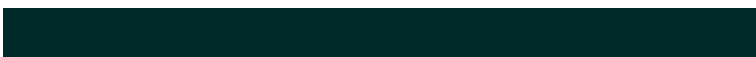
59.1525, 62.3025, 68.5833



13.1840, 13.9355, 15.2386



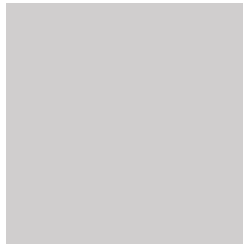
21.0995, 30.8456, 42.0342



1.1803, 1.7259, 2.3505

Previews

White Background



This preview shows how the XYZ color 59.2243, 62.0087, 67.2399 looks on a white background.

Color Contrast Check

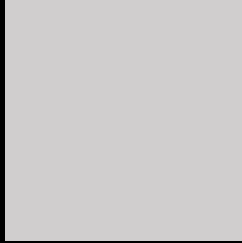
Large Text (above 18pt) WCAG AA × Fail

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 59.2243, 62.0087, 67.2399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

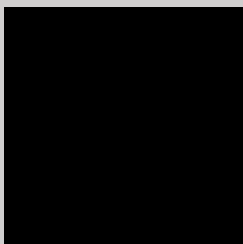
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

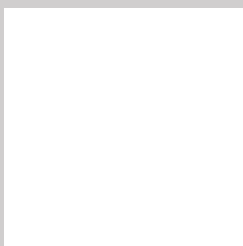
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2243, 62.0087, 67.2399

Background



This preview shows how black text looks on a background with the XYZ color 59.2243, 62.0087, 67.2399.

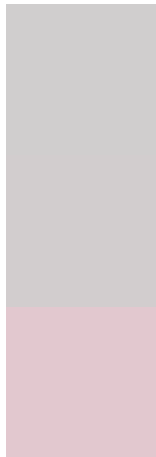


This preview shows how white text looks on a background with the XYZ color 59.2243, 62.0087,

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

59.2243, 62.0087, 67.2399

Protanopia

59.5502, 61.8205, 67.1864

Deuteranopia

63.2808, 61.9823, 67.6600



Tritanopia

61.0895, 62.0547, 76.4681

Trichromacy



Original Color

59.2243, 62.0087, 67.2399

Protanomaly

59.2664, 61.6742, 67.1732

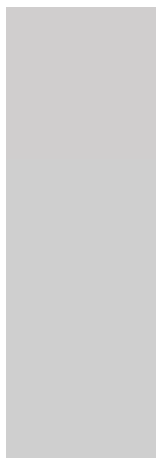
Deuteranomaly

61.5964, 61.8061, 67.7148

Tritanomaly

60.3916, 62.1242, 73.0982

Monochromacy



Original Color

59.2243, 62.0087, 67.2399

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3074, 62.3960, 67.9493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2243, 62.0087, 67.2399 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, 206, 206) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.2243, 62.0087, 67.2399 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, 206, 206) }
```

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

```
.border{ border-color:rgb(208, 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(208, 206, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
206) }
```


Background

The CSS property to change the background color of an element to XYZ 59.2243, 62.0087, 67.2399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 206) }
```

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

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