

Converting Colors

XYZ(57.4307, 59.6106, 65.3199)

Have a look what the booklet for
XYZ(57.4307, 59.6106, 65.3199)
contains.

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Color

**XYZ(57.4732, 59.7225,
65.6252)**

Conversions

Conversions Part 1

Format	Color
Hex	CECACC
RGB	206, 202, 204
RGB Percent	81%, 79%, 80%
CMY	0.1922, 0.2078, 0.2000
CMYK	0.00, 0.02, 0.01, 0.19
HSL	330°, 4%, 80%
HSV	330°, 2%, 81%
XYZ	57.4732, 59.7225, 65.6252
YIQ	203.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

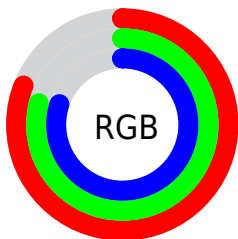
Format	Color
R _Y B	206, 202, 204
Decimal	13552332
CIE Lab	81.69, 1.75, -0.51
CIE LCh	82, 1.819, 343.579
Yxy	59.7225, 0.3144, 0.3267
Android (android.graphics.Color)	4291742412 (0xFFCECACC)
YUV	203.4240, 0.2840, 2.2592
Hunter-Lab	77.2803, -2.4906, 3.7481

Details

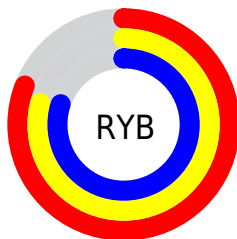
The XYZ color **57.4732, 59.7225, 65.6252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3297, 61.0603, 65.8939**, and the grayscale version is **57.0302, 60.0002, 65.3402**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0438, 30.0572, 33.1250** is the 20% darker color. If you saturate the color by 10%, you get **51.7634, 50.2159, 57.8227**, and if you desaturate by 10%, it is **63.9135, 70.5574, 74.0764**.

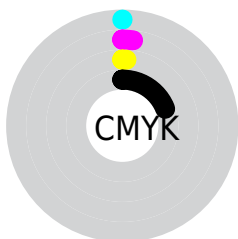
Distribution



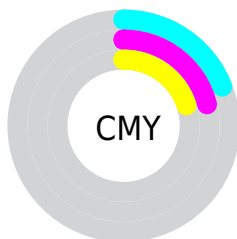
- Red (81%)
- Green (79%)
- Blue (80%)



- Red (81%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4732, 59.7225, 65.6252 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 57.4732, 59.7225, 65.6252 by changing the saturation by 10% instead.

■ 57.4732, 59.7225,
65.6252

■ 57.4732, 59.7225,
65.6252

405.2057,
423.5742, 463.4028

■ 41.6269, 43.1950,
47.5137

100.2827,
104.4270, 114.5701

■ 28.9991, 30.0381,
33.0847

127.9766,
133.3728, 146.2405

■ 19.2244, 19.8675,
21.9197

160.3504,
167.2268, 183.2677

■ 11.9375, 12.2988,
13.6001

197.7695,
206.3735, 226.0700

■ 6.7730, 6.9475,
7.7075

240.5992,
251.1972, 275.0662

■ 3.3656, 3.4293,
3.8233

289.2049,

■ 1.3499, 1.3598,

302.0822, 330.6747

1.5289

343.9519,
359.4131, 393.3141

■ 0.2201, 0.1868,
0.2393

■ 0.0000, 0.0000,
0.0000

■ 57.4732, 59.7225,
65.6252

■ 57.4732, 59.7225,
65.6252

■ 51.7634, 50.2159,
57.8227

■ 63.9135, 70.5574,
74.0764

■ 46.7520, 41.9784,
50.6484

■ 71.1046, 82.7615,
83.1885

■ 42.4121, 34.9581,
44.0859

■ 76.1988, 90.6359,
92.0204

■ 38.7130, 29.0960,
38.1169

■ 77.7314, 91.2490,
100.0908

■ 35.6214, 24.3286,
32.7216

■ 79.2639, 91.8620,
108.1612

■ 33.1009, 20.5859,
27.8793

■ 31.1112, 17.7900,
23.5672

■ 29.6059, 15.8515,
19.7604

■ 28.5299, 14.6634,
16.4305

Harmonies

Analogous

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



57.2732, 59.7225, 66.5663



57.4732, 59.7225, 65.6252



57.4827, 59.7225, 64.5341

Triad

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



57.4732, 59.7225, 65.6252



56.5919, 59.7225, 63.0006



56.2331, 59.7225, 66.4912

Complementary

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



57.4732, 59.7225, 65.6252



57.3297, 61.0603, 65.8939

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.



56.0522, 59.7225, 65.5237



57.4732, 59.7225, 65.6252



56.2587, 59.7225, 63.5129

Square

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



57.4732, 59.7225, 65.6252



56.9727, 59.7225, 63.0271



56.0615, 59.7225, 64.4337



56.5567, 59.7225, 67.0701

Rectangle

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



57.4732, 59.7225, 65.6252



57.3797, 59.7225, 63.8690



56.0615, 59.7225, 64.4337



56.1536, 59.7225, 66.2002

Sweetspot

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



57.4749, 59.7251, 65.6265



94.0371, 98.3019, 107.5522



57.1651, 59.5375, 66.8723



20.1385, 21.0585, 23.0348



0.0000, 0.0000, 0.0000



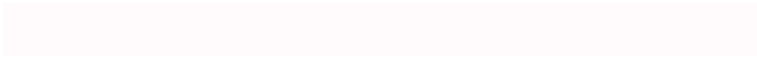
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4749, 59.7251, 65.6265



93.0363, 96.6258, 106.2151



57.2369, 59.6299, 64.3732



12.3808, 12.8706, 14.1383



17.2274, 8.7016, 8.9162



0.9271, 0.4642, 0.6617

Inverse Universe

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



57.4749, 59.7251, 65.6265



93.0363, 96.6258, 106.2151



57.5708, 61.1568, 67.1634



12.3808, 12.8706, 14.1383



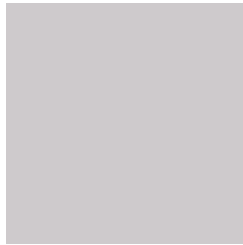
17.2274, 8.7016, 8.9162



0.9271, 0.4642, 0.6617

Previews

White Background



This preview shows how the XYZ color 57.4732, 59.7225, 65.6252 looks on a white background.

Color Contrast Check

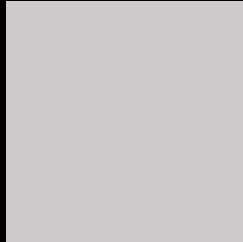
Large Text (above 18pt) WCAG AA × Fail

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 57.4732, 59.7225, 65.6252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

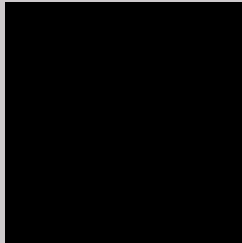
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

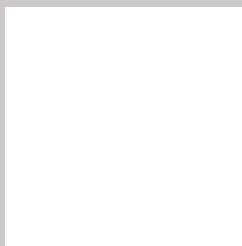
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4732, 59.7225, 65.6252

Background



This preview shows how black text looks on a background with the XYZ color 57.4732, 59.7225, 65.6252.

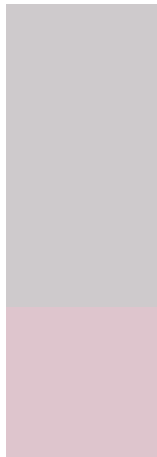


This preview shows how white text looks on a background with the XYZ color 57.4732, 59.7225,

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

57.4732, 59.7225, 65.6252

Protanopia

57.4732, 59.7225, 65.6252

Deuteranopia

61.1099, 59.8699, 66.0928



Tritanopia

59.0614, 59.6763, 73.3716

Trichromacy



Original Color

57.4732, 59.7225, 65.6252

Protanomaly

57.4732, 59.7225, 65.6252

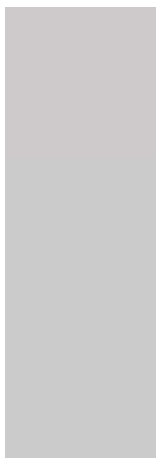
Deuteranomaly

59.7618, 59.8536, 66.1607

Tritanomaly

58.5024, 59.7922, 70.7450

Monochromacy



Original Color

57.4732, 59.7225, 65.6252

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0373, 59.8610, 65.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4732, 59.7225, 65.6252 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, 204) looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.4732, 59.7225, 65.6252 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, 204) }
```


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

```
.border{ border-color:rgb(206, 202, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4732, 59.7225, 65.6252 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, 204) }
```

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

```
.background{ background-color: rgb(206,  
202, 204) }
```

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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