

Converting Colors

XYZ(69.9529, 67.5459, 68.6494)

Have a look what the booklet for
XYZ(69.9529, 67.5459, 68.6494)
contains.

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Color

**XYZ(69.9517, 67.5249,
68.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CECF
RGB	242, 206, 207
RGB Percent	95%, 81%, 81%
CMY	0.0510, 0.1921, 0.1882
CMYK	0.00, 0.15, 0.14, 0.05
HSL	358°, 58%, 88%
HSV	358°, 15%, 95%
XYZ	69.9517, 67.5249, 68.3782
YIQ	216.8780, 21.1350, 7.9430

Conversions

Conversions Part 2

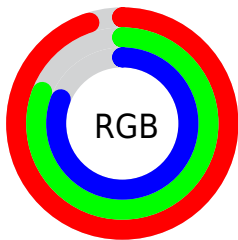
Format	Color
R_YB	242, 206, 207
Decimal	15912655
CIE _{Lab}	85.77, 12.77, 4.19
CIE _{LCh}	86, 13.443, 18.170
Yxy	67.5249, 0.3398, 0.3280
Android (android.graphics.Color)	4294102735 (0xFF2CECF)
YUV	216.8780, -4.8699, 22.0320
Hunter-Lab	82.1735, 8.1476, 8.1851

Details

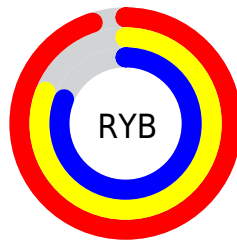
The XYZ color **69.9517, 67.5249, 68.3782** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0855, 82.9785, 95.3876**, and the grayscale version is **65.8935, 69.3251, 75.4951**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2277, 35.1955, 34.9683** is the 20% darker color. If you saturate the color by 10%, you get **61.9027, 55.6923, 52.5440**, and if you desaturate by 10%, it is **79.3302, 81.3289, 86.7723**.

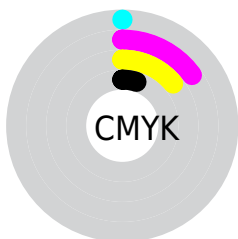
Distribution



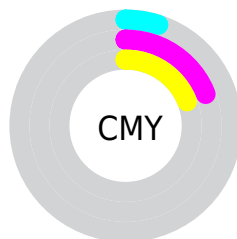
- Red (95%)
- Green (81%)
- Blue (81%)



- Red (95%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9517, 67.5249, 68.3782 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 69.9517, 67.5249, 68.3782 by changing the saturation by 10% instead.

69.9517, 67.5249,
68.3782

69.9517, 67.5249,
68.3782

449.6495,
451.8109, 473.4692

51.7666, 49.5113,
49.7369

118.1665,
115.6722, 118.5523

37.0426, 35.0253,
34.8347

148.9270,
146.5747, 150.9222

25.4143, 23.6823,
23.2530

184.6099,
182.5424, 188.7054

16.5164, 15.0981,
14.5734

225.5807,
223.9595, 232.3204

9.9834, 8.8883,
8.3772

272.2047,
271.2105, 282.1857

5.4502, 4.6684,
4.2461

324.8472,

2.5512, 2.0540,

324.6798, 338.7199

1.7613

383.8737,
384.7518, 402.3416

■ 0.9211, 0.6386,
0.4022

■ 0.0000, 0.0000,
0.0000

■ 69.9517, 67.5249,
68.3782

■ 69.9517, 67.5249,
68.3782

■ 61.9027, 55.6923,
52.5440

■ 79.3302, 81.3289,
86.7723

■ 55.1178, 45.7328,
39.1524

■ 90.0885, 97.1788,
107.8281

■ 49.5344, 37.5530,
28.0829

■ 90.4282, 97.6174,
108.6837

■ 45.0826, 31.0481,
19.2036

■ 41.6849, 26.1024,
12.3690

■ 39.2545, 22.5853,
7.4164

■ 37.6906, 20.3453,
4.1579

■ 36.8701, 19.1964,
2.3672

■ 36.6548, 18.8920,
1.9068

Harmonies

Analogous

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



70.1307, 67.5249, 77.0423



69.9517, 67.5249, 68.3782



68.1967, 67.5249, 61.6362

Triad

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



69.9517, 67.5249, 68.3782



59.8832, 67.5249, 62.8188



62.9783, 67.5249, 91.3348

Complementary

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



69.9517, 67.5249, 68.3782



73.0855, 82.9785, 95.3876

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.



60.3250, 67.5249, 86.8478



69.9517, 67.5249, 68.3782



58.5765, 67.5249, 70.1128

Square

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



69.9517, 67.5249, 68.3782



62.3578, 67.5249, 58.6071



58.7356, 67.5249, 78.9199



66.0381, 67.5249, 90.7769

Rectangle

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



69.9517, 67.5249, 68.3782



66.3997, 67.5249, 58.9250



58.7356, 67.5249, 78.9199



62.0111, 67.5249, 90.3527

Sweetspot

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



69.9536, 67.5279, 68.3796



90.3259, 93.0415, 99.6500



74.3075, 69.2221, 93.4497



19.1493, 19.6435, 20.9685



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.



69.9536, 67.5279, 68.3796



75.7439, 71.5816, 71.0388



74.0947, 76.0043, 69.1614



15.7905, 15.7659, 16.4531



19.6993, 10.1521, 1.0671



1.6450, 0.8470, 0.1213

Inverse Universe

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



69.9536, 67.5279, 68.3796



75.7439, 71.5816, 71.0388



68.4625, 73.4938, 94.5823



15.7905, 15.7659, 16.4531



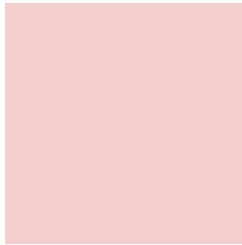
19.6993, 10.1521, 1.0671



1.6450, 0.8470, 0.1213

Previews

White Background



This preview shows how the XYZ color 69.9517, 67.5249, 68.3782 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 69.9517, 67.5249, 68.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

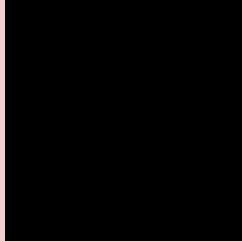
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9517, 67.5249, 68.3782

Background



This preview shows how black text looks on a background with the XYZ color 69.9517, 67.5249, 68.3782.



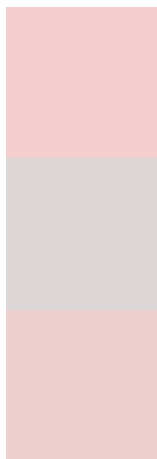
This preview shows how white text looks on a background with the XYZ color 69.9517, 67.5249,

68.3782.

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

69.9517, 67.5249, 68.3782

Protanopia

65.0179, 67.8564, 71.2988

Deuteranopia

68.8352, 67.3078, 68.3952



Tritanopia

71.8194, 67.5861, 76.9703

Trichromacy



Original Color

69.9517, 67.5249, 68.3782

Protanomaly

66.6057, 67.5726, 70.5051

Deuteranomaly

69.1719, 67.4814, 68.4109

Tritanomaly

71.0592, 67.6236, 73.5974

Monochromacy



Original Color

69.9517, 67.5249, 68.3782

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.1685, 68.5613, 72.6443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9517, 67.5249, 68.3782 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(242, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 207)  
}
```

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(242, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 69.9517, 67.5249, 68.3782 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(242, 206, 207) }
```


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

```
.border{ border-color:rgb(242, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(242, 206,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9517, 67.5249, 68.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 207) }
```

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

```
.background{ background-color: rgb(242,  
206, 207) }
```

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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