

Converting Colors

XYZ(67.8457, 66.0055, 59.0343)

Have a look what the booklet for
XYZ(67.8457, 66.0055, 59.0343)
contains.

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Color

**XYZ(67.7252, 65.8687,
59.0136)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CCC0
RGB	242, 204, 192
RGB Percent	95%, 80%, 75%
CMY	0.0510, 0.2000, 0.2471
CMYK	0.00, 0.16, 0.21, 0.05
HSL	14°, 66%, 85%
HSV	14°, 21%, 95%
XYZ	67.7252, 65.8687, 59.0136
YIQ	213.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

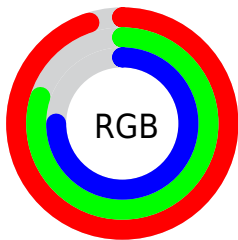
Format	Color
R _Y B	242, 208, 192
Decimal	15912128
CIE Lab	84.93, 11.55, 10.95
CIE LCh	85, 15.915, 43.481
Yxy	65.8687, 0.3516, 0.3420
Android (android.graphics.Color)	4294102208 (0xFFFF2CCC0)
YUV	213.9940, -10.8430, 24.5613
Hunter-Lab	81.1595, 6.9237, 13.7001

Details

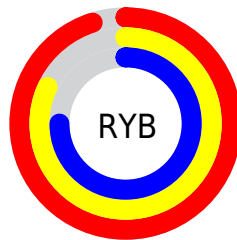
The XYZ color **67.7252, 65.8687, 59.0136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.0615, 74.2090, 94.8468**, and the grayscale version is **63.9721, 67.3036, 73.2936**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **35.5741, 33.9911, 29.1121** is the 20% darker color. If you saturate the color by 10%, you get **61.1456, 56.6533, 44.6614**, and if you desaturate by 10%, it is **75.2654, 76.2986, 75.8627**.

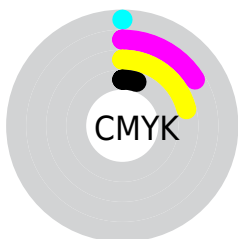
Distribution



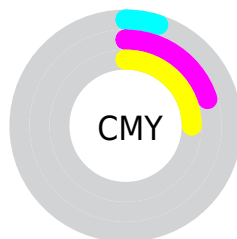
- Red (95%)
- Green (80%)
- Blue (75%)



- Red (95%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7252, 65.8687, 59.0136 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 67.7252, 65.8687, 59.0136 by changing the saturation by 10% instead.


 67.7252, 65.8687,
59.0136

 67.7252, 65.8687,
59.0136


441.9138,
445.9072, 438.6556

 49.9471, 48.1658,
42.2040


 115.0030,
113.2979, 104.9267

 35.5890, 33.9582,
28.9343

145.2334,
143.7929, 134.8674

 24.2855, 22.8615,
18.7860


180.3452,
179.3209, 170.0220

 15.6715, 14.4913,
11.3405

220.7039,
220.2660, 210.8094

 9.3813, 8.4631,
6.1793

266.6747,
267.0129, 257.6478

 5.0498, 4.3927,
2.8839

318.6231,

 2.3116, 1.8956,

319.9457, 310.9560

1.0356

376.9143,
379.4490, 371.1524

■ 0.8006, 0.5457,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7252, 65.8687,
59.0136

■ 67.7252, 65.8687,
59.0136

■ 61.1456, 56.6533,
44.6614

■ 75.2654, 76.2986,
75.8627

■ 55.4819, 48.5992,
32.6825

■ 83.7979, 87.9762,
95.3157

■ 50.6936, 41.6621,
22.9492

■ 90.4281, 97.6173,
108.6837

■ 46.7350, 35.7915,
15.3198

■ 43.5559, 30.9331,
9.6365

■ 41.1004, 27.0273,
5.7189

■ 39.3037, 24.0074,
3.3522

■ 38.1363, 21.9138,
2.2198

Harmonies

Analogous

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



69.5282, 65.8687, 67.2295



67.7252, 65.8687, 59.0136



64.5802, 65.8687, 54.4602

Triad

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



67.7252, 65.8687, 59.0136



56.2473, 65.8687, 66.2692



64.2217, 65.8687, 92.6074

Complementary

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



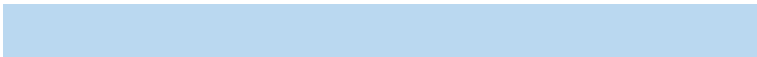
67.7252, 65.8687, 59.0136



66.0615, 74.2090, 94.8468

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.



60.6729, 65.8687, 92.2877



67.7252, 65.8687, 59.0136



56.1596, 65.8687, 76.4057

Square

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



67.7252, 65.8687, 59.0136



57.9963, 65.8687, 58.3683



57.7519, 65.8687, 86.1303



67.4542, 65.8687, 86.9663

Rectangle

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



67.7252, 65.8687, 59.0136



62.1899, 65.8687, 53.8170



57.7519, 65.8687, 86.1303



63.0244, 65.8687, 93.2086

Sweetspot

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



67.7270, 65.8717, 59.0150



89.0861, 91.8584, 95.2397



69.7980, 62.3092, 83.4573



18.9345, 19.4785, 20.0810



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.



67.7270, 65.8717, 59.0150



72.8769, 69.4433, 58.9975



74.0601, 78.5379, 61.1260



16.0809, 16.3750, 16.4628



20.5752, 11.9484, 1.2218



1.7865, 1.1436, 0.1266

Inverse Universe

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



66.0615, 74.2090, 94.8468



70.6689, 80.4691, 106.4152



59.6772, 61.4404, 92.7187



15.9071, 17.2483, 20.2125



17.9178, 22.0599, 48.4415



1.5668, 1.9875, 4.0553

Previews

White Background



This preview shows how the XYZ color 67.7252, 65.8687, 59.0136 looks on a white background.

Color Contrast Check

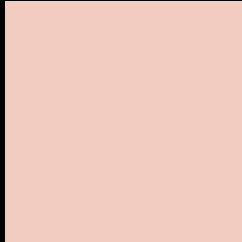
Large Text (above 18pt) WCAG AA × Fail

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 67.7252, 65.8687, 59.0136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

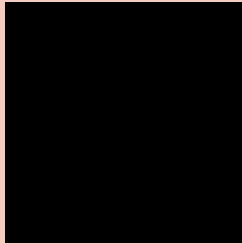
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7252, 65.8687, 59.0136

Background



This preview shows how black text looks on a background with the XYZ color 67.7252, 65.8687, 59.0136.

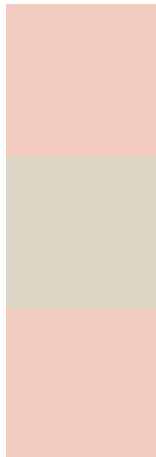


This preview shows how white text looks on a background with the XYZ color 67.7252, 65.8687,

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

67.7252, 65.8687, 59.0136

Protanopia

63.0225, 66.2881, 61.6978

Deuteranopia

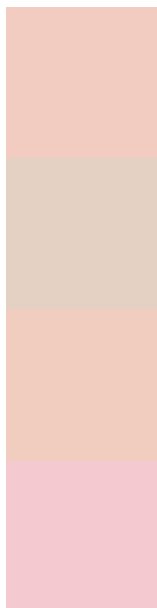
67.2809, 65.9937, 59.0611



Tritanopia

70.7051, 65.6789, 73.9165

Trichromacy



Original Color

67.7252, 65.8687, 59.0136

Protanomaly

64.6457, 66.0350, 60.9686

Deuteranomaly

67.6214, 66.1692, 59.0771

Tritanomaly

69.4574, 65.5114, 68.0156

Monochromacy



Original Color

67.7252, 65.8687, 59.0136

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.9276, 66.3967, 67.7863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7252, 65.8687, 59.0136 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, 204, 192) looks like.

```
.text, #text, p{  
    color:rgb(242, 204, 192)  
}
```

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, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 204, 192) }
```

Border

The CSS property to change the border of an element to XYZ 67.7252, 65.8687, 59.0136 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, 204, 192) }
```


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

```
.border{ border-color:rgb(242, 204, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(242, 204,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7252, 65.8687, 59.0136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 204, 192) }
```

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

```
.background{ background-color: rgb(242,  
204, 192) }
```

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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