

Converting Colors

XYZ(67.9024, 65.8735, 66.3265)

Have a look what the booklet for
XYZ(67.9024, 65.8735, 66.3265)
contains.

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Color

**XYZ(67.7518, 65.7225,
66.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	EECCCC
RGB	238, 204, 204
RGB Percent	93%, 80%, 80%
CMY	0.0667, 0.2000, 0.2000
CMYK	0.00, 0.14, 0.14, 0.07
HSL	0°, 50%, 87%
HSV	0°, 14%, 93%
XYZ	67.7518, 65.7225, 66.2415
YIQ	214.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

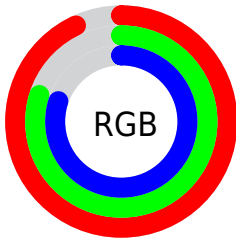
Format	Color
R _Y B	238, 204, 204
Decimal	15649996
CIE Lab	84.85, 11.93, 4.42
CIE LCh	85, 12.721, 20.331
Yxy	65.7225, 0.3392, 0.3291
Android (android.graphics.Color)	4293840076 (0xFFEECCCC)
YUV	214.1660, -5.0118, 20.9024
Hunter-Lab	81.0694, 7.3056, 8.3030

Details

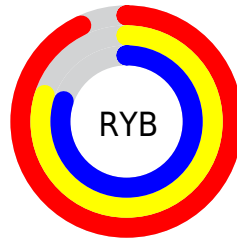
The XYZ color **67.7518, 65.7225, 66.2415** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9084, 80.1576, 92.6242**, and the grayscale version is **64.0529, 67.3886, 73.3862**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7028, 33.9598, 33.5273** is the 20% darker color. If you saturate the color by 10%, you get **59.8823, 54.2076, 50.5946**, and if you desaturate by 10%, it is **76.9253, 79.1460, 84.4767**.

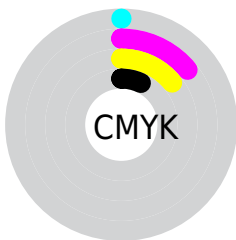
Distribution



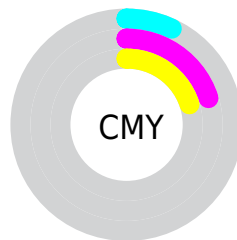
- Red (93%)
- Green (80%)
- Blue (80%)



- Red (93%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7518, 65.7225, 66.2415 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 67.7518, 65.7225, 66.2415 by changing the saturation by 10% instead.

67.7518, 65.7225,
66.2415

67.7518, 65.7225,
66.2415

442.0067,
445.3838, 465.6678

49.9688, 48.0472,
48.0108

115.0409,
113.0880, 115.4632

35.6063, 33.8642,
33.4754

145.2776,
143.5469, 147.2912

24.2990, 22.7893,
22.2168

180.3963,
179.0358, 184.4887

15.6815, 14.4380,
13.8164

220.7624,
219.9390, 227.4743

9.3885, 8.4259,
7.8558

266.7410,
266.6411, 276.6665

5.0545, 4.3687,
3.9164

318.6977,

2.3144, 1.8819,

319.5263, 332.4837

1.5796

376.9978,
378.9791, 395.3447

■ 0.8020, 0.5374,
0.2762

■ 0.0000, 0.0000,
0.0000

■ 67.7518, 65.7225,
66.2415

■ 67.7518, 65.7225,
66.2415

■ 59.8823, 54.2076,
50.5946

■ 76.9253, 79.1460,
84.4767

■ 53.2526, 44.5066,
37.4148

■ 87.4526, 94.5500,
105.4055

■ 47.8011, 36.5295,
26.5776

■ 89.0701, 96.9173,
108.6201

■ 43.4590, 30.1756,
17.9458

■ 40.1500, 25.3334,
11.3682

■ 37.7886, 21.8778,
6.6745

■ 36.2753, 19.6632,
3.6669

■ 35.4888, 18.5121,
2.1041

■ 35.2605, 18.1779,
1.6503

Harmonies

Analogous

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



68.0306, 65.7225, 74.2309



67.7518, 65.7225, 66.2415



66.0336, 65.7225, 60.1396

Triad

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



67.7518, 65.7225, 66.2415



58.3405, 65.7225, 61.9961



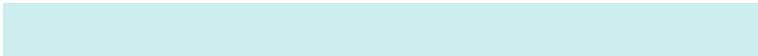
61.5508, 65.7225, 88.1860

Complementary

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



67.7518, 65.7225, 66.2415



70.9084, 80.1576, 92.6242

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.



59.0317, 65.7225, 84.3431



67.7518, 65.7225, 66.2415



57.2158, 65.7225, 68.9551

Square

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



67.7518, 65.7225, 66.2415



60.5813, 65.7225, 57.8210



57.4649, 65.7225, 77.1571



64.3920, 65.7225, 87.3207

Rectangle

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



67.7518, 65.7225, 66.2415



64.3313, 65.7225, 57.7672



57.4649, 65.7225, 77.1571



60.6396, 65.7225, 87.3916

Sweetspot

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



67.7536, 65.7254, 66.2429



90.2832, 93.0250, 99.4234



72.2861, 67.5367, 90.1155



19.1386, 19.6394, 20.9114



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.



67.7536, 65.7254, 66.2429



76.5370, 72.9108, 72.0954



72.0161, 74.2504, 67.6637



15.7730, 15.7592, 16.3602



19.6717, 10.1415, 0.9207



1.6366, 0.8438, 0.0766

Inverse Universe

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



70.9084, 80.1576, 92.6242



80.8588, 92.6815, 108.2354



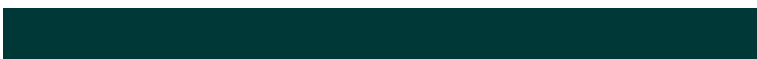
66.1917, 70.7241, 91.0519



16.2473, 17.9286, 20.3259



25.6624, 37.5491, 51.0230



2.1349, 3.1239, 4.2447

Previews

White Background



This preview shows how the XYZ color 67.7518, 65.7225, 66.2415 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 67.7518, 65.7225, 66.2415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

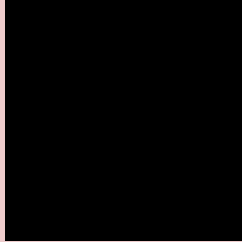
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7518, 65.7225, 66.2415

Background



This preview shows how black text looks on a background with the XYZ color 67.7518, 65.7225, 66.2415.

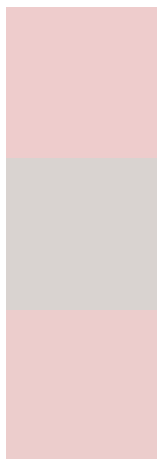


This preview shows how white text looks on a background with the XYZ color 67.7518, 65.7225,

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

67.7518, 65.7225, 66.2415

Protanopia

63.2947, 65.8943, 69.0574

Deuteranopia

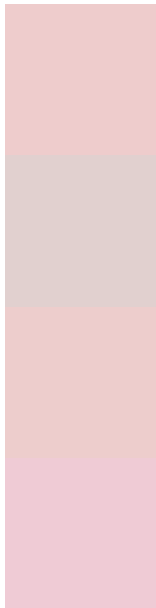
67.3225, 65.8551, 66.2898



Tritanopia

69.7106, 65.8283, 75.3616

Trichromacy



Original Color

67.7518, 65.7225, 66.2415

Protanomaly

64.8697, 65.6243, 68.2792

Deuteranomaly

67.6555, 66.0268, 66.3054

Tritanomaly

68.9628, 65.8667, 72.0296

Monochromacy



Original Color

67.7518, 65.7225, 66.2415

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.1109, 66.4343, 70.3642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7518, 65.7225, 66.2415 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(238, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(238, 204, 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(238, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 67.7518, 65.7225, 66.2415 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(238, 204, 204) }
```


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

```
.border{ border-color:rgb(238, 204, 204) }
```

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

Here you see how a box with a 4 pixel rgb(238, 204, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(238, 204,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7518, 65.7225, 66.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 204, 204) }
```

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

```
.background{ background-color: rgb(238,  
204, 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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