

Converting Colors

XYZ(69.6342, 65.8808, 65.6137)

Have a look what the booklet for
XYZ(69.6342, 65.8808, 65.6137)
contains.

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Color

**XYZ(69.5562, 65.9653,
65.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CACB
RGB	245, 202, 203
RGB Percent	96%, 79%, 80%
CMY	0.0392, 0.2078, 0.2039
CMYK	0.00, 0.18, 0.17, 0.04
HSL	359°, 68%, 88%
HSV	359°, 18%, 96%
XYZ	69.5562, 65.9653, 65.5665
YIQ	214.9710, 25.3070, 9.4270

Conversions

Conversions Part 2

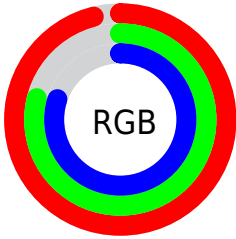
Format	Color
R _Y B	245, 202, 203
Decimal	16108235
CIE Lab	84.98, 15.32, 5.21
CIE LCh	85, 16.186, 18.782
Yxy	65.9653, 0.3459, 0.3280
Android (android.graphics.Color)	4294298315 (0xFFF5CACB)
YUV	214.9710, -5.9017, 26.3354
Hunter-Lab	81.2190, 10.7346, 8.9897

Details

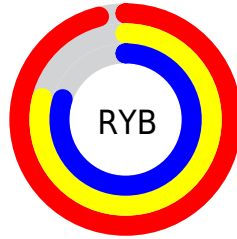
The XYZ color **69.5562, 65.9653, 65.5665** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3413, 84.3946, 98.0163**, and the grayscale version is **64.5999, 67.9641, 74.0129**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7538, 34.0411, 33.0672** is the 20% darker color. If you saturate the color by 10%, you get **61.6223, 54.3145, 49.9202**, and if you desaturate by 10%, it is **78.8466, 79.6233, 83.8386**.

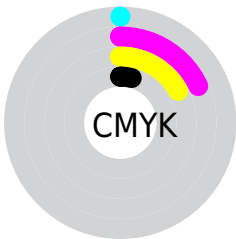
Distribution



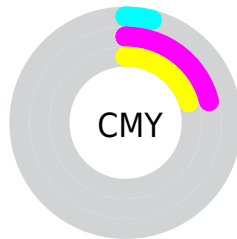
- Red (96%)
- Green (79%)
- Blue (80%)



- Red (96%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5562, 65.9653, 65.5665 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 69.5562, 65.9653, 65.5665 by changing the saturation by 10% instead.

69.5562, 65.9653,
65.5665

69.5562, 65.9653,
65.5665

448.2810,
446.2528, 463.1868

51.4431, 48.2442,
47.4663

117.6054,
113.4365, 114.4850

36.7838, 34.0203,
33.0475

148.2722,
143.9555, 146.1404

25.2131, 22.9092,
21.8914

183.8542,
179.5092, 183.1512

16.3655, 14.5265,
13.5796

224.7169,
220.4820, 225.9361

9.8756, 8.4878,
7.6934

271.2255,
267.2584, 274.9136

5.3782, 4.4086,
3.8145

323.7455,

2.5078, 1.9047,

320.2227, 330.5022

1.5241

382.6422,
379.7594, 393.1204

■ 0.8992, 0.5512,
0.2358

■ 0.0000, 0.0000,
0.0000

■ 69.5562, 65.9653,
65.5665

■ 69.5562, 65.9653,
65.5665

■ 61.6223, 54.3145,
49.9202

■ 78.8466, 79.6233,
83.8386

■ 54.9764, 44.5681,
36.7752

■ 89.5471, 95.3674,
104.8449

■ 49.5523, 36.6274,
26.0031

■ 91.4665, 98.1526,
108.7323

■ 45.2754, 30.3816,
17.4626

■ 42.0634, 25.7075,
10.9972

■ 39.8229, 22.4655,
6.4303

■ 38.4441, 20.4911,
3.5561

■ 37.7852, 19.5684,
2.1188

■ 37.6875, 19.4250,
1.9260

Harmonies

Analogous

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



69.8124, 65.9653, 75.7932



69.5562, 65.9653, 65.5665



67.4209, 65.9653, 57.7858

Triad

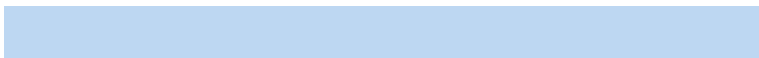
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5562, 65.9653, 65.5665



57.5824, 65.9653, 59.4172



61.3470, 65.9653, 93.3209

Complementary

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



69.5562, 65.9653, 65.5665



73.3413, 84.3946, 98.0163

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.



58.2010, 65.9653, 87.9717



69.5562, 65.9653, 65.5665



56.0842, 65.9653, 67.9978

Square

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



69.5562, 65.9653, 65.5665



60.4729, 65.9653, 54.4796



56.3062, 65.9653, 78.4696



64.9771, 65.9653, 92.5090

Rectangle

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



69.5562, 65.9653, 65.5665



65.2638, 65.9653, 54.7224



56.3062, 65.9653, 78.4696



60.2004, 65.9653, 92.1645

Sweetspot

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



69.5580, 65.9683, 65.5679



89.1756, 91.3568, 97.3680



74.7618, 67.9923, 95.5703



18.9173, 19.3041, 20.5070



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.



69.5580, 65.9683, 65.5679



72.9743, 67.5404, 65.4969



74.4577, 75.9570, 66.6176



16.5147, 16.4887, 17.1910



20.3098, 10.4673, 1.0737



1.7904, 0.9221, 0.1226

Inverse Universe

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



69.5580, 65.9683, 65.5679



72.9743, 67.5404, 65.4969



67.7483, 72.9661, 96.9000



16.5147, 16.4887, 17.1910



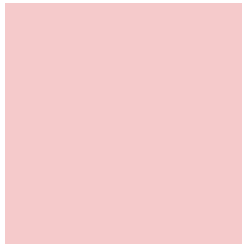
20.3098, 10.4673, 1.0737



1.7904, 0.9221, 0.1226

Previews

White Background



This preview shows how the XYZ color 69.5562, 65.9653, 65.5665 looks on a white background.

Color Contrast Check

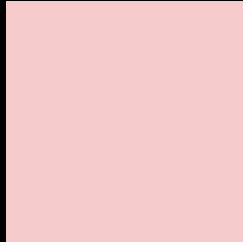
Large Text (above 18pt) WCAG AA × Fail

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 69.5562, 65.9653, 65.5665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

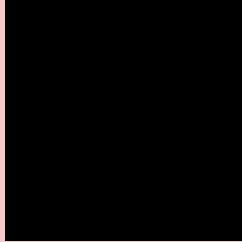
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5562, 65.9653, 65.5665

Background



This preview shows how black text looks on a background with the XYZ color 69.5562, 65.9653, 65.5665.



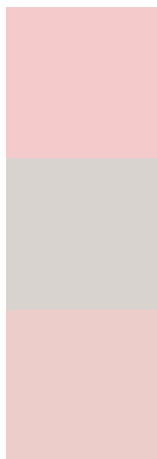
This preview shows how white text looks on a background with the XYZ color 69.5562, 65.9653,

65.5665.

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

69.5562, 65.9653, 65.5665

Protanopia

63.2947, 65.8943, 69.0574

Deuteranopia

67.4170, 65.9314, 65.0499



Tritanopia

71.4067, 66.0406, 73.9493

Trichromacy



Original Color

69.5562, 65.9653, 65.5665

Protanomaly

65.3750, 65.8989, 67.6666

Deuteranomaly

68.1887, 65.9753, 65.0177

Tritanomaly

70.6506, 66.0693, 70.6570

Monochromacy



Original Color

69.5562, 65.9653, 65.5665

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.1685, 66.9651, 71.0661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5562, 65.9653, 65.5665 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(245, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 202, 203)  
}
```

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(245, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 202, 203) }
```

Border

The CSS property to change the border of an element to XYZ 69.5562, 65.9653, 65.5665 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(245, 202, 203) }
```


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

```
.border{ border-color:rgb(245, 202, 203) }
```

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

Here you see how a box with a 4 pixel rgb(245, 202, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 202,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5562, 65.9653, 65.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 202, 203) }
```

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

```
.background{ background-color: rgb(245,  
202, 203) }
```

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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