

# Converting Colors

XYZ(67.0510, 65.2152, 72.8061)

Have a look what the booklet for  
XYZ(67.0510, 65.2152, 72.8061)  
contains.

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# Color

**XYZ(67.0092, 65.1966,  
72.6708)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8CCD6
RGB	232, 204, 214
RGB Percent	91%, 80%, 84%
CMY	0.0902, 0.2000, 0.1608
CMYK	0.00, 0.12, 0.08, 0.09
HSL	339°, 38%, 85%
HSV	339°, 12%, 91%
XYZ	67.0092, 65.1966, 72.6708
YIQ	213.5120, 13.4780, 9.0460

# Conversions

## Conversions Part 2

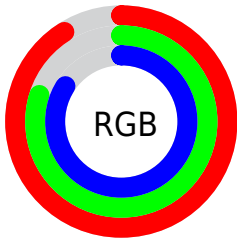
Format	Color
R <sub>Y</sub> B	232, 204, 214
Decimal	15256790
CIE Lab	84.58, 11.45, -1.36
CIE LCh	85, 11.534, 353.230
Yxy	65.1966, 0.3271, 0.3182
Android (android.graphics.Color)	4293446870 (0xFFE8CCD6)
YUV	213.5120, 0.2406, 16.2140
Hunter-Lab	80.7444, 6.8331, 3.1595

# Details

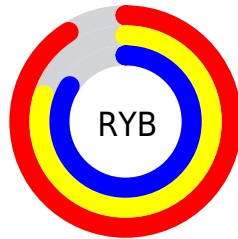
The XYZ color **67.0092, 65.1966, 72.6708** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.9458, 75.8262, 80.2184**, and the grayscale version is **63.5824, 66.8936, 72.8472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.0689, 33.5460, 37.4276** is the 20% darker color. If you saturate the color by 10%, you get **60.0821, 54.2521, 61.3896**, and if you desaturate by 10%, it is **74.9358, 77.8593, 85.1475**.

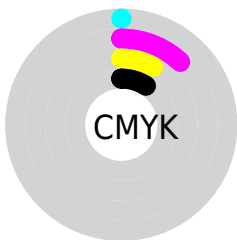
# Distribution



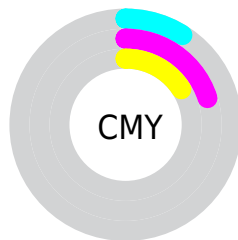
- Red (91%)
- Green (80%)
- Blue (84%)



- Red (91%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0092, 65.1966, 72.6708 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 67.0092, 65.1966, 72.6708 by changing the saturation by 10% instead.



67.0092, 65.1966,  
72.6708

67.0092, 65.1966,  
72.6708

439.4095,  
443.4981, 488.9132

49.3628, 47.6205,  
53.2166

113.9833,  
112.3325, 124.7263

35.1231, 33.5265,  
37.5868

144.0418,  
142.6610, 158.1648

23.9247, 22.5301,  
25.3628

178.9683,  
178.0092, 197.1018

15.4022, 14.2469,  
16.1261

219.1283,  
218.7614, 241.9558

9.1903, 8.2926,  
9.4581

264.8870,  
265.3020, 293.1454

4.9236, 4.2827,  
4.9403

316.6099,

2.2368, 1.8329,

318.0154, 351.0892

2.1542

374.6623,  
377.2860, 416.2056

0.7620, 0.5076,  
0.6477

0.0000, 0.0000,  
0.0000

67.0092, 65.1966,  
72.6708

67.0092, 65.1966,  
72.6708

60.0821, 54.2521,  
61.3896

74.9358, 77.8593,  
85.1475

54.1081, 44.9430,  
51.2632

83.8949, 92.3013,  
98.8503

49.0454, 37.1925,  
42.2542

87.0891, 95.8960,  
108.5274

44.8467, 30.9140,  
34.3219

■ 41.4601, 26.0126,  
27.4228

■ 38.8282, 22.3822,  
21.5096

■ 36.8851, 19.9008,  
16.5312

■ 35.5526, 18.4221,  
12.4299

■ 34.8341, 17.7780,  
9.7461

# Harmonies

## Analogous

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



66.0139, 65.1966, 79.8082



67.0092, 65.1966, 72.6708



66.6239, 65.1966, 65.5470

# Triad

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



67.0092, 65.1966, 72.6708



60.0372, 65.1966, 58.7522



59.0540, 65.1966, 82.9485

# Complementary

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



67.0092, 65.1966, 72.6708



66.9458, 75.8262, 80.2184

# 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.



57.5331, 65.1966, 76.7221



67.0092, 65.1966, 72.6708



58.0898, 65.1966, 62.8428

# Square

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



67.0092, 65.1966, 72.6708



62.5522, 65.1966, 57.8319



57.1851, 65.1966, 69.3314



61.3862, 65.1966, 86.0018



# Rectangle

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



67.0092, 65.1966, 72.6708



65.6410, 65.1966, 61.7224



57.1851, 65.1966, 69.3314



58.4335, 65.1966, 81.1374

# Sweetspot

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



67.0111, 65.1995, 72.6722



90.8439, 93.2486, 102.3776



66.2033, 64.5026, 85.3057



19.2800, 19.6958, 21.6563



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.



67.0111, 65.1995, 72.6722



81.2220, 77.9086, 87.1358



66.6709, 66.5001, 66.4521



14.5885, 14.4526, 16.0335



19.3929, 9.8914, 5.6980



1.4761, 0.7482, 0.6479



# Inverse Universe

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



67.0111, 65.1995, 72.6722



81.2220, 77.9086, 87.1358



67.2863, 74.2990, 87.1396



14.5885, 14.4526, 16.0335



19.3929, 9.8914, 5.6980



1.4761, 0.7482, 0.6479



# Previews

## White Background



This preview shows how the XYZ color 67.0092, 65.1966, 72.6708 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

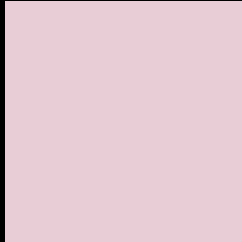
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 67.0092, 65.1966, 72.6708 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

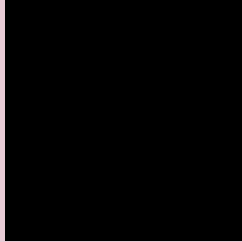
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 67.0092, 65.1966, 72.6708

## Background



This preview shows how black text looks on a background with the XYZ color 67.0092, 65.1966, 72.6708.



This preview shows how white text looks on a background with the XYZ color 67.0092, 65.1966,



# 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

67.0092, 65.1966, 72.6708

### Protanopia

63.1421, 65.3013, 75.6061

### Deuteranopia

66.6020, 65.3407, 72.7200



## Tritanopia

67.7464, 65.1500, 76.0224

# Trichromacy



## Original Color

67.0092, 65.1966, 72.6708

## Protanomaly

64.5955, 65.3371, 74.8524

## Deuteranomaly

66.9239, 65.5066, 72.7351

## Tritanomaly

67.4846, 65.0453, 74.6438

# Monochromacy



## Original Color

67.0092, 65.1966, 72.6708

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

65.0030, 66.3204, 72.9934

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 67.0092, 65.1966, 72.6708 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(232, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 214)  
}
```

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(232, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 67.0092, 65.1966, 72.6708 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(232, 204, 214) }
```



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

```
.border{ border-color:rgb(232, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 67.0092, 65.1966, 72.6708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 214) }
```

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

```
.background{ background-color: rgb(232,  
204, 214) }
```

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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