

Converting Colors

XYZ(67.2288, 65.9754, 74.8368)

Have a look what the booklet for
XYZ(67.2288, 65.9754, 74.8368)
contains.

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Color

**XYZ(67.2288, 65.9754,
74.8368)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CED9
RGB	230, 206, 217
RGB Percent	90%, 81%, 85%
CMY	0.0980, 0.1921, 0.1490
CMYK	0.00, 0.10, 0.06, 0.10
HSL	333°, 32%, 85%
HSV	333°, 10%, 90%
XYZ	67.2288, 65.9754, 74.8368
YIQ	214.4300, 10.7730, 8.5090

Conversions

Conversions Part 2

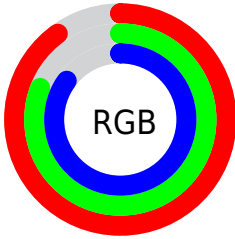
Format	Color
R _Y B	230, 206, 217
Decimal	15126233
CIE Lab	84.98, 10.22, -2.39
CIE LCh	85, 10.495, 346.829
Yxy	65.9754, 0.3232, 0.3171
Android (android.graphics.Color)	4293316313 (0xFFE6CED9)
YUV	214.4300, 1.2670, 13.6549
Hunter-Lab	81.2252, 5.5973, 2.2309

Details

The XYZ color **67.2288, 65.9754, 74.8368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5391, 74.8316, 77.9584**, and the grayscale version is **64.1944, 67.5375, 73.5484**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2054, 34.0638, 38.9019** is the 20% darker color. If you saturate the color by 10%, you get **60.5322, 55.0780, 64.9082**, and if you desaturate by 10%, it is **74.8618, 78.5479, 85.6829**.

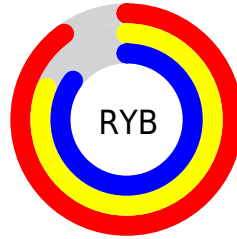
Distribution



Red (90%)

Green (81%)

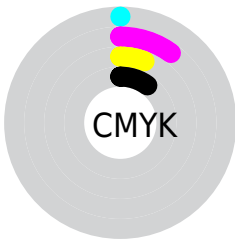
Blue (85%)



Red (90%)

Yellow (81%)

Blue (85%)

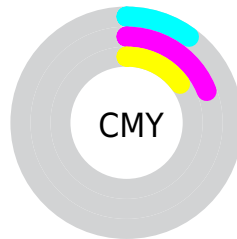


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2288, 65.9754, 74.8368 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 67.2288, 65.9754, 74.8368 by changing the saturation by 10% instead.

67.2288, 65.9754,
74.8368

67.2288, 65.9754,
74.8368

440.1784,
446.2889, 496.5969

49.5420, 48.2524,
54.9783

114.2962,
113.4510, 127.8263

35.2659, 34.0268,
38.9858

144.4074,
143.9725, 161.7943

24.0352, 22.9142,
26.4410

179.3909,
179.5289, 201.3026

15.4846, 14.5302,
16.9251

219.6119,
220.5046, 246.7697

9.2487, 8.4903,
10.0197

265.4358,
267.2841, 298.6142

4.9622, 4.4103,
5.3063

317.2279,

2.2596, 1.9056,

320.2517, 357.2545

2.3662

375.3537,
379.7918, 423.1092

■ 0.7739, 0.5517,
0.7679

■ 0.0000, 0.0000,
0.0000

■ 67.2288, 65.9754,
74.8368

■ 67.2288, 65.9754,
74.8368

■ 60.5322, 55.0780,
64.9082

■ 74.8618, 78.5479,
85.6829

■ 54.7286, 45.7760,
55.8671

■ 83.4610, 92.8537,
97.4669

■ 49.7794, 37.9958,
47.6876

■ 86.3442, 95.5235,
107.9746

■ 45.6412, 31.6549,
40.3411

■ 86.4435, 95.5632,
108.4972

■ 42.2661, 26.6627,
33.7968

■ 39.6013, 22.9182,
28.0217

■ 37.5864, 20.3061,
22.9796

■ 36.1501, 18.6890,
18.6298

■ 35.2037, 17.8513,
15.0619

Harmonies

Analogous

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



66.0743, 65.9754, 81.0955



67.2288, 65.9754, 74.8368



67.1503, 65.9754, 68.1402

Triad

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



67.2288, 65.9754, 74.8368



61.4035, 65.9754, 60.1053



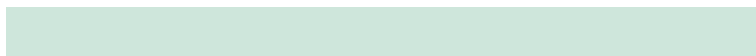
59.6552, 65.9754, 81.7330

Complementary

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



67.2288, 65.9754, 74.8368



66.5391, 74.8316, 77.9584

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.



58.4654, 65.9754, 75.6631



67.2288, 65.9754, 74.8368



59.4573, 65.9754, 63.3096

Square

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



67.2288, 65.9754, 74.8368



63.7469, 65.9754, 59.9149



58.3939, 65.9754, 68.9165



61.6798, 65.9754, 85.2419

Rectangle

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



67.2288, 65.9754, 74.8368



66.4089, 65.9754, 64.3269



58.3939, 65.9754, 68.9165



59.1466, 65.9754, 79.9078

Sweetspot

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



67.2307, 65.9783, 74.8382



91.9977, 94.9517, 104.6262



65.5100, 64.8881, 83.9356



19.5207, 20.0420, 22.1537



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.



67.2307, 65.9783, 74.8382



82.6135, 79.5397, 91.1505



66.0404, 65.8111, 67.6182



14.6503, 14.4773, 16.3589



19.9903, 10.1303, 8.8439



1.5236, 0.7672, 0.8980

Inverse Universe

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



67.2307, 65.9783, 74.8382



82.6135, 79.5397, 91.1505



67.8132, 74.9859, 85.7633



14.6503, 14.4773, 16.3589



19.9903, 10.1303, 8.8439



1.5236, 0.7672, 0.8980

Previews

White Background



This preview shows how the XYZ color 67.2288, 65.9754, 74.8368 looks on a white background.

Color Contrast Check

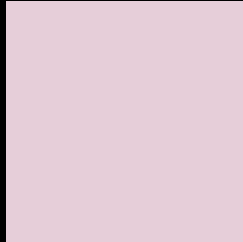
Large Text (above 18pt) WCAG AA × Fail

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 67.2288, 65.9754, 74.8368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

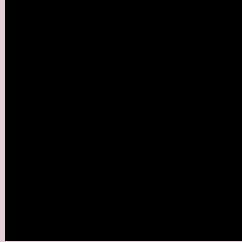
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2288, 65.9754, 74.8368

Background



This preview shows how black text looks on a background with the XYZ color 67.2288, 65.9754, 74.8368.



This preview shows how white text looks on a background with the XYZ color 67.2288, 65.9754,

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

67.2288, 65.9754, 74.8368

Protanopia

63.9441, 66.0520, 77.0892

Deuteranopia

67.5507, 66.1413, 74.8519



Tritanopia

67.8375, 65.8720, 77.5458

Trichromacy



Original Color

67.2288, 65.9754, 74.8368

Protanomaly

65.1018, 65.9310, 76.3126

Deuteranomaly

67.5507, 66.1413, 74.8519

Tritanomaly

67.7046, 65.8189, 76.8460

Monochromacy



Original Color

67.2288, 65.9754, 74.8368

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.0752, 66.7105, 73.7366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2288, 65.9754, 74.8368 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(230, 206, 217) looks like.

```
.text, #text, p{  
    color:rgb(230, 206, 217)  
}
```

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(230, 206, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 206, 217) }
```

Border

The CSS property to change the border of an element to XYZ 67.2288, 65.9754, 74.8368 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(230, 206, 217) }
```


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

```
.border{ border-color:rgb(230, 206, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 206, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(230, 206,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2288, 65.9754, 74.8368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 206, 217) }
```

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

```
.background{ background-color: rgb(230,  
206, 217) }
```

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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