

Converting Colors

XYZ(66.4992, 65.6748, 73.6775)

Have a look what the booklet for
XYZ(66.4992, 65.6748, 73.6775)
contains.

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Color

**XYZ(66.3320, 65.5429,
73.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CED7
RGB	228, 206, 215
RGB Percent	89%, 81%, 84%
CMY	0.1059, 0.1921, 0.1569
CMYK	0.00, 0.10, 0.06, 0.11
HSL	335°, 29%, 85%
HSV	335°, 10%, 89%
XYZ	66.3320, 65.5429, 73.4450
YIQ	213.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

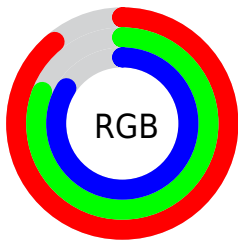
Format	Color
R _Y B	228, 206, 215
Decimal	14995159
CIE Lab	84.76, 9.18, -1.67
CIE LCh	85, 9.334, 349.683
Yxy	65.5429, 0.3231, 0.3192
Android (android.graphics.Color)	4293185239 (0xFFE4CED7)
YUV	213.6040, 0.6882, 12.6253
Hunter-Lab	80.9586, 4.5734, 2.8836

Details

The XYZ color **66.3320, 65.5429, 73.4450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9857, 73.7249, 77.7739**, and the grayscale version is **63.6428, 66.9571, 72.9163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8070, 33.8788, 37.9624** is the 20% darker color. If you saturate the color by 10%, you get **59.5758, 54.6878, 62.9993**, and if you desaturate by 10%, it is **74.0307, 78.0532, 84.9101**.

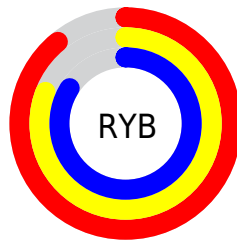
Distribution



Red (89%)

Green (81%)

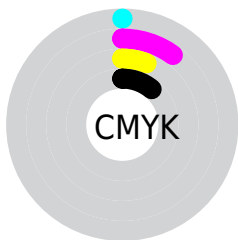
Blue (84%)



Red (89%)

Yellow (81%)

Blue (84%)

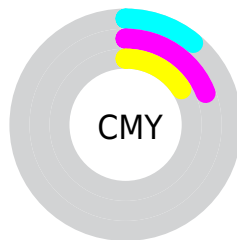


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3320, 65.5429, 73.4450 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 66.3320, 65.5429, 73.4450 by changing the saturation by 10% instead.

66.3320, 65.5429,
73.4450

66.3320, 65.5429,
73.4450

437.0332,
444.7404, 491.6677

48.8107, 47.9014,
53.8459

113.0178,
112.8300, 125.8355

34.6832, 33.7488,
38.0861

142.9130,
143.2445, 159.4640

23.5843, 22.7007,
25.7472

177.6635,
178.6854, 198.6060

15.1486, 14.3727,
16.4105

217.6346,
219.5371, 243.6800

9.0108, 8.3803,
9.6576

263.1919,
266.1841, 295.1047

4.8054, 4.3393,
5.0699

314.7005,

2.1671, 1.8651,

319.0107, 353.2985

2.2289

372.5258,
378.4013, 418.6800

0.7253, 0.5273,
0.6910

0.0000, 0.0000,
0.0000

66.3320, 65.5429,
73.4450

66.3320, 65.5429,
73.4450

59.5758, 54.6878,
62.9993

74.0307, 78.0532,
84.9101

53.7191, 45.4095,
53.5395

82.7018, 92.2755,
97.4185

48.7235, 37.6365,
45.0361

85.8053, 95.2342,
108.4674

44.5458, 31.2880,
37.4563

■ 41.1386, 26.2756,
30.7654

■ 38.4497, 22.5011,
24.9261

■ 36.4195, 19.8525,
19.8974

■ 34.9783, 18.1970,
15.6341

■ 34.0121, 17.3149,
12.0747

Harmonies

Analogous

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



65.4093, 65.5429, 79.0689



66.3320, 65.5429, 73.4450



66.1552, 65.5429, 67.5607

Triad

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



66.3320, 65.5429, 73.4450



60.9536, 65.5429, 61.0735



59.7339, 65.5429, 80.4994

Complementary

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



66.3320, 65.5429, 73.4450



65.9857, 73.7249, 77.7739

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.



58.5910, 65.5429, 75.3097



66.3320, 65.5429, 73.4450



59.2842, 65.5429, 64.1786

Square

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



66.3320, 65.5429, 73.4450



63.0186, 65.5429, 60.6364



58.4282, 65.5429, 69.3248



61.5800, 65.5429, 83.2900

Rectangle

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



66.3320, 65.5429, 73.4450



65.4388, 65.5429, 64.2696



58.4282, 65.5429, 69.3248



59.2565, 65.5429, 78.9645

Sweetspot

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



66.3339, 65.5458, 73.4464



91.9384, 94.9280, 104.3139



65.2406, 64.7814, 82.4653



19.5047, 20.0356, 22.0695



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.



66.3339, 65.5458, 73.4464



83.2769, 80.8960, 91.2811



65.6530, 65.9837, 67.6718



14.6201, 14.4652, 16.2000



19.6778, 10.0053, 7.1982



1.4993, 0.7574, 0.7698

Inverse Universe

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



66.3339, 65.5458, 73.4464



83.2769, 80.8960, 91.2811



66.7010, 73.2084, 84.0149



14.6201, 14.4652, 16.2000



19.6778, 10.0053, 7.1982



1.4993, 0.7574, 0.7698

Previews

White Background



This preview shows how the XYZ color 66.3320, 65.5429, 73.4450 looks on a white background.

Color Contrast Check

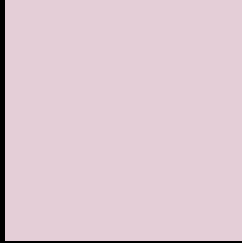
Large Text (above 18pt) WCAG AA × Fail

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 66.3320, 65.5429, 73.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

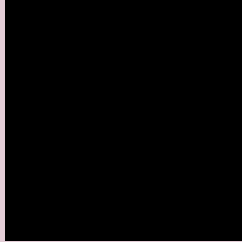
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3320, 65.5429, 73.4450

Background



This preview shows how black text looks on a background with the XYZ color 66.3320, 65.5429, 73.4450.



This preview shows how white text looks on a background with the XYZ color 66.3320, 65.5429,

73.4450.

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

66.3320, 65.5429, 73.4450

Protanopia

63.6807, 65.9466, 75.7023

Deuteranopia

66.7302, 65.3919, 73.3948



Tritanopia

67.1956, 65.5411, 77.5157

Trichromacy



Original Color

66.3320, 65.5429, 73.4450

Protanomaly

64.5383, 65.6708, 74.9198

Deuteranomaly

66.4102, 65.2270, 73.3798

Tritanomaly

66.9306, 65.4351, 76.1205

Monochromacy



Original Color

66.3320, 65.5429, 73.4450

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.6453, 66.5036, 73.0476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3320, 65.5429, 73.4450 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(228, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(228, 206, 215)  
}
```

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(228, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 206, 215) }
```

Border

The CSS property to change the border of an element to XYZ 66.3320, 65.5429, 73.4450 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(228, 206, 215) }
```


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

```
.border{ border-color:rgb(228, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 206, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 206, 215); box-shadow:4px 4px 4px 4px rgb(228, 206, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3320, 65.5429, 73.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 206, 215) }
```

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

```
.background{ background-color: rgb(228,  
206, 215) }
```

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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