

Converting Colors

XYZ(66.0739, 65.1115, 73.0575)

Have a look what the booklet for
XYZ(66.0739, 65.1115, 73.0575)
contains.

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Color

**XYZ(66.0920, 65.0629,
73.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CDD7
RGB	228, 205, 215
RGB Percent	89%, 80%, 84%
CMY	0.1059, 0.1961, 0.1569
CMYK	0.00, 0.10, 0.06, 0.11
HSL	334°, 30%, 85%
HSV	334°, 10%, 89%
XYZ	66.0920, 65.0629, 73.3650
YIQ	213.0170, 10.4980, 7.9860

Conversions

Conversions Part 2

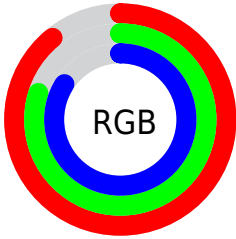
Format	Color
R _Y B	228, 205, 215
Decimal	14994903
CIE Lab	84.52, 9.71, -2.03
CIE LCh	85, 9.921, 348.174
Yxy	65.0629, 0.3232, 0.3181
Android (android.graphics.Color)	4293184983 (0xFFE4CDD7)
YUV	213.0170, 0.9776, 13.1401
Hunter-Lab	80.6616, 5.1005, 2.5364

Details

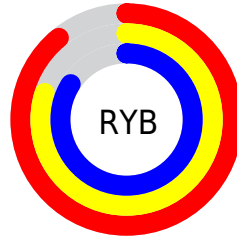
The XYZ color **66.0920, 65.0629, 73.3650** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5776, 73.5297, 77.0695**, and the grayscale version is **63.2475, 66.5413, 72.4635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4250, 33.4419, 37.8983** is the 20% darker color. If you saturate the color by 10%, you get **59.4393, 54.3038, 63.2958**, and if you desaturate by 10%, it is **73.6736, 77.4694, 84.3892**.

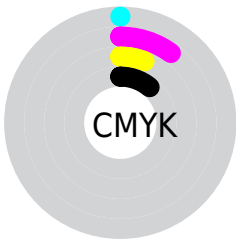
Distribution



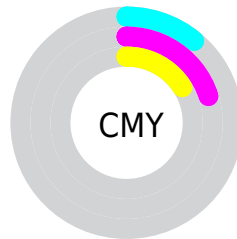
- Red (89%)
- Green (80%)
- Blue (84%)



- Red (89%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0920, 65.0629, 73.3650 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 66.0920, 65.0629, 73.3650 by changing the saturation by 10% instead.

66.0920, 65.0629,
73.3650

66.0920, 65.0629,
73.3650

436.1893,
443.0180, 491.3835

48.6151, 47.5121,
53.7808

112.6754,
112.1403, 125.7210

34.5275, 33.4407,
38.0345

142.5125,
142.4356, 159.3298

23.4639, 22.4642,
25.7074

177.2004,
177.7480, 198.4507

15.0590, 14.1984,
16.3811

217.1045,
218.4617, 243.5020

8.9474, 8.2588,
9.6370

262.5901,
264.9611, 294.9025

4.7637, 4.2610,
5.0565

314.0225,

2.1426, 1.8206,

317.6307, 353.0705

2.2211

371.7671,
376.8549, 418.4247

■ 0.7122, 0.5000,
0.6865

■ 0.0000, 0.0000,
0.0000

■ 66.0920, 65.0629,
73.3650

■ 66.0920, 65.0629,
73.3650

■ 59.4393, 54.3038,
63.2958

■ 73.6736, 77.4694,
84.3892

■ 53.6728, 45.1138,
54.1502

■ 82.2137, 91.5801,
96.3903

■ 48.7545, 37.4212,
45.9012

■ 85.5917, 95.1488,
107.3425

■ 44.6415, 31.1452,
38.5185

■ 85.8053, 95.2342,
108.4674

■ 41.2867, 26.1971,
31.9699

■ 38.6382, 22.4786,
26.2208

■ 36.6367, 19.8770,
21.2333

■ 35.2124, 18.2588,
16.9651

■ 34.2527, 17.3972,
13.3847

Harmonies

Analogous

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



65.0601, 65.0629, 79.2691



66.0920, 65.0629, 73.3650



65.9648, 65.0629, 67.1152

Triad

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



66.0920, 65.0629, 73.3650



60.5248, 65.0629, 59.9008



59.0506, 65.0629, 80.3003

Complementary

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



66.0920, 65.0629, 73.3650



65.5776, 73.5297, 77.0695

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.



57.8915, 65.0629, 74.7052



66.0920, 65.0629, 73.3650



58.7286, 65.0629, 63.0352

Square

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



66.0920, 65.0629, 73.3650



62.7150, 65.0629, 59.5895



57.7750, 65.0629, 68.3784



60.9739, 65.0629, 83.4297

Rectangle

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



66.0920, 65.0629, 73.3650



65.2403, 65.0629, 63.5862



57.7750, 65.0629, 68.3784



58.5606, 65.0629, 78.6307

Sweetspot

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



66.0939, 65.0657, 73.3664



91.9693, 94.9404, 104.4768



64.6462, 64.1187, 82.3687



19.5130, 20.0389, 22.1134



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.



66.0939, 65.0657, 73.3664



83.3921, 80.9421, 91.8874



65.1241, 65.1196, 66.8979



14.6358, 14.4715, 16.2828



19.8356, 10.0685, 8.0293



1.5117, 0.7624, 0.8351

Inverse Universe

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



66.0939, 65.0657, 73.3664



83.3921, 80.9421, 91.8874



66.6106, 73.4384, 84.0640



14.6358, 14.4715, 16.2828



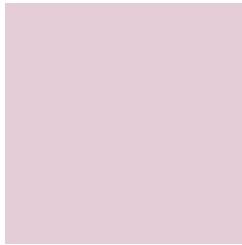
19.8356, 10.0685, 8.0293



1.5117, 0.7624, 0.8351

Previews

White Background



This preview shows how the XYZ color 66.0920, 65.0629, 73.3650 looks on a white background.

Color Contrast Check

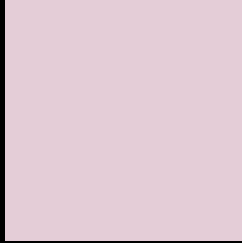
Large Text (above 18pt) WCAG AA × Fail

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 66.0920, 65.0629, 73.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

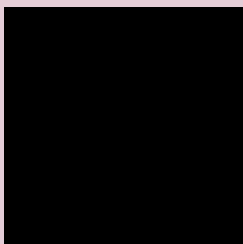
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0920, 65.0629, 73.3650

Background



This preview shows how black text looks on a background with the XYZ color 66.0920, 65.0629, 73.3650.



This preview shows how white text looks on a background with the XYZ color 66.0920, 65.0629,

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

66.0920, 65.0629, 73.3650

Protanopia

63.1421, 65.3013, 75.6061

Deuteranopia

66.1717, 64.7500, 73.3004



Tritanopia

66.8242, 65.0111, 76.7365

Trichromacy



Original Color

66.0920, 65.0629, 73.3650

Protanomaly

63.9937, 65.0269, 74.8243

Deuteranomaly

66.1717, 64.7500, 73.3004

Tritanomaly

66.5609, 64.9057, 75.3496

Monochromacy



Original Color

66.0920, 65.0629, 73.3650

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.0976, 65.8537, 72.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0920, 65.0629, 73.3650 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, 205, 215)` looks like.

```
.text, #text, p{  
    color:rgb(228, 205, 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, 205, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 205, 215) }
```

Border

The CSS property to change the border of an element to XYZ 66.0920, 65.0629, 73.3650 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, 205, 215) }
```


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

```
.border{ border-color:rgb(228, 205, 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, 205, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 205, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 205, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 205,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0920, 65.0629, 73.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 205, 215) }
```

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

```
.background{ background-color: rgb(228,  
205, 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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