

Converting Colors

XYZ(65.5451, 71.7760, 76.2721)

Have a look what the booklet for
XYZ(65.5451, 71.7760, 76.2721)
contains.

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Color

**XYZ(65.4745, 71.8764,
76.0683)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0D9
RGB	209, 224, 217
RGB Percent	82%, 88%, 85%
CMY	0.1804, 0.1215, 0.1490
CMYK	0.07, 0.00, 0.03, 0.12
HSL	152°, 19%, 85%
HSV	152°, 7%, 88%
XYZ	65.4745, 71.8764, 76.0683
YIQ	218.7170, -6.6930, -5.3570

Conversions

Conversions Part 2

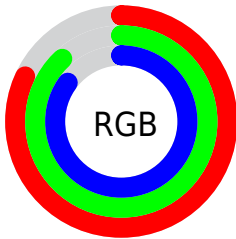
Format	Color
R _Y B	209, 219, 224
Decimal	13754585
CIE Lab	87.91, -6.30, 1.69
CIE LCh	88, 6.521, 164.988
Yxy	71.8764, 0.3068, 0.3368
Android (android.graphics.Color)	4291944665 (0xFFD1E0D9)
YUV	218.7170, -0.8465, -8.5218
Hunter-Lab	84.7800, -10.5116, 6.1484

Details

The XYZ color **65.4745, 71.8764, 76.0683** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9382, 66.4078, 74.3118**, and the grayscale version is **67.1466, 70.6434, 76.9307**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2271, 37.9531, 39.7041** is the 20% darker color. If you saturate the color by 10%, you get **58.2600, 68.3114, 68.8553**, and if you desaturate by 10%, it is **73.6703, 75.9414, 83.7801**.

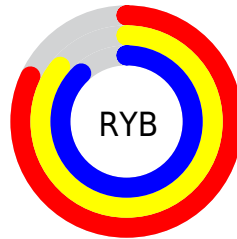
Distribution



Red (82%)

Green (88%)

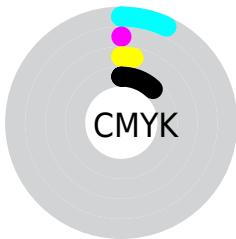
Blue (85%)



Red (82%)

Yellow (86%)

Blue (88%)

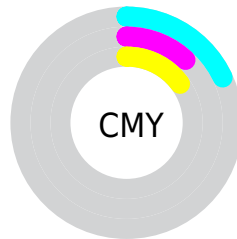


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4745, 71.8764, 76.0683 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 65.4745, 71.8764, 76.0683 by changing the saturation by 10% instead.

■ 65.4745, 71.8764,
76.0683

■ 65.4745, 71.8764,
76.0683

434.0135,
467.1113, 500.9345

■ 48.1121, 53.0577,
55.9815

111.7937,
121.8808, 129.5844

■ 34.1273, 37.8488,
39.7842

141.4811,
153.8353, 163.8508

■ 23.1547, 25.8654,
27.0578

176.0077,
190.9372, 203.6809

■ 14.8291, 16.7230,
17.3838

215.7386,
233.5708, 249.4931

■ 8.7851, 10.0372,
10.3437

261.0393,
282.1207, 301.7061

■ 4.6573, 5.4236,
5.5189

312.2751,

■ 2.0803, 2.4979,

336.9711, 360.7382

2.4908

369.8114,
398.5065, 427.0082

■ 0.6785, 0.8756,
0.8353

■ 0.0000, 0.0000,
0.0000

■ 65.4745, 71.8764,
76.0683

■ 65.4745, 71.8764,
76.0683

■ 58.2600, 68.3114,
68.8553

■ 73.6703, 75.9414,
83.7801

■ 51.9822, 65.2175,
62.1262

■ 82.8778, 80.5157,
91.9957

■ 46.6020, 62.5768,
55.8723

■ 84.8979, 81.3744,
100.3408

■ 42.0749, 60.3665,
50.0827

■ 85.9471, 81.7941,
105.8657

■ 38.3528, 58.5619,
44.7461

■ 35.3821, 57.1357,
39.8507

■ 33.1028, 56.0572,
35.3840

■ 31.4445, 55.2903,
31.3326

■ 30.3182, 54.7893,
27.6820

Harmonies

Analogous

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



66.2284, 71.8764, 72.3711



65.4745, 71.8764, 76.0683



65.4742, 71.8764, 80.4922

Triad

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



65.4745, 71.8764, 76.0683



69.0910, 71.8764, 86.8102



70.4487, 71.8764, 72.3736

Complementary

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



65.4745, 71.8764, 76.0683



65.9382, 66.4078, 74.3118

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.



71.2396, 71.8764, 76.0718



65.4745, 71.8764, 76.0683



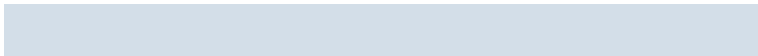
70.4477, 71.8764, 84.4624

Square

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



65.4745, 71.8764, 76.0683



67.5463, 71.8764, 86.8092



71.2393, 71.8764, 80.4958



69.0922, 71.8764, 70.2936

Rectangle

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



65.4745, 71.8764, 76.0683



65.9006, 71.8764, 83.2645



71.2393, 71.8764, 80.4958



70.7904, 71.8764, 73.4624

Sweetspot

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



65.4765, 71.8795, 76.0699



92.8175, 98.8931, 106.8072



66.5596, 72.5552, 70.8190



19.8902, 21.1788, 22.8832



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.



65.4765, 71.8795, 76.0699



86.4435, 95.7359, 100.6918



66.3400, 72.1174, 80.9483



13.8327, 15.4588, 16.1544



17.5278, 31.8360, 15.7683



1.2601, 2.2247, 1.3306

Inverse Universe

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



65.9382, 66.4078, 74.3118



87.1817, 86.9870, 97.8807



65.1131, 66.1760, 69.6639



13.9721, 13.8065, 15.6235



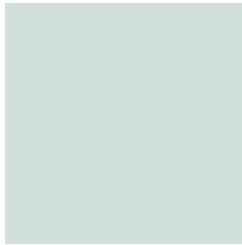
19.4212, 9.8355, 8.8836



1.3911, 0.6997, 0.8523

Previews

White Background



This preview shows how the XYZ color 65.4745, 71.8764, 76.0683 looks on a white background.

Color Contrast Check

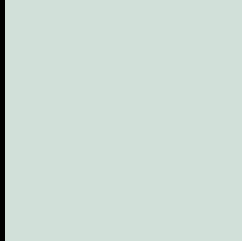
Large Text (above 18pt) WCAG AA × Fail

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 65.4745, 71.8764, 76.0683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

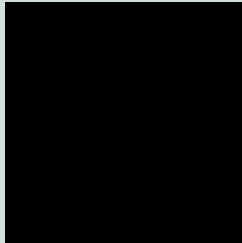
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

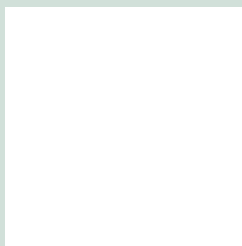
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4745, 71.8764, 76.0683

Background



This preview shows how black text looks on a background with the XYZ color 65.4745, 71.8764, 76.0683.

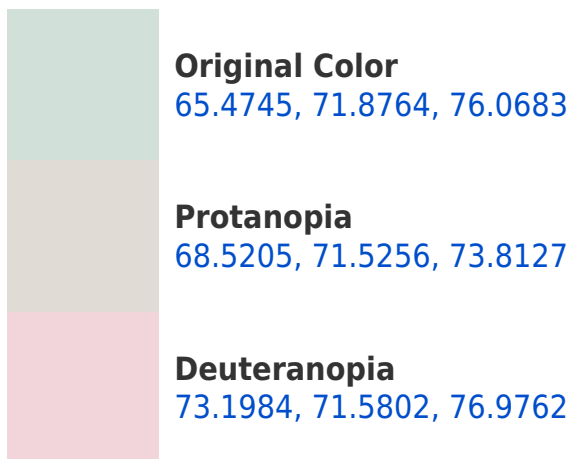


This preview shows how white text looks on a background with the XYZ color 65.4745, 71.8764,

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

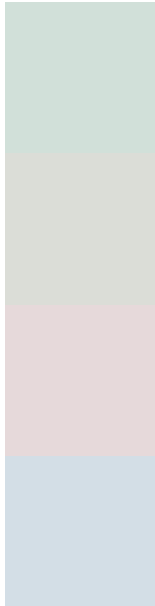




Tritanopia

68.4404, 71.8830, 91.1565

Trichromacy



Original Color

65.4745, 71.8764, 76.0683

Protanomaly

67.3356, 71.6793, 74.5765

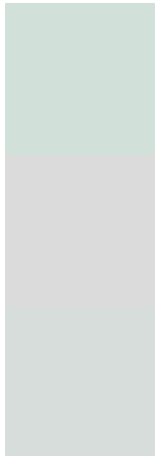
Deuteranomaly

70.1009, 71.5107, 76.4379

Tritanomaly

67.2682, 71.8046, 85.1772

Monochromacy



Original Color

65.4745, 71.8764, 76.0683

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.5357, 71.2219, 76.5701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4745, 71.8764, 76.0683 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(209, 224, 217) looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 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(209, 224, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 217) }
```

Border

The CSS property to change the border of an element to XYZ 65.4745, 71.8764, 76.0683 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(209, 224, 217) }
```


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

```
.border{ border-color:rgb(209, 224, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 217);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4745, 71.8764, 76.0683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 217) }
```

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

```
.background{ background-color: rgb(209,  
224, 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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