

Converting Colors

XYZ(64.5191, 72.6301, 73.9875)

Have a look what the booklet for
XYZ(64.5191, 72.6301, 73.9875)
contains.

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Color

**XYZ(64.5085, 72.6306,
74.2375)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE3D6
RGB	204, 227, 214
RGB Percent	80%, 89%, 84%
CMY	0.2000, 0.1098, 0.1608
CMYK	0.10, 0.00, 0.06, 0.11
HSL	146°, 29%, 85%
HSV	146°, 10%, 89%
XYZ	64.5085, 72.6306, 74.2375
YIQ	218.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

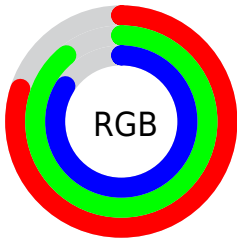
Format	Color
R_{YB}	204, 220, 227
Decimal	13427670
CIE _{Lab}	88.27, -10.04, 3.75
CIE _{LCh}	88, 10.719, 159.529
Yxy	72.6306, 0.3052, 0.3436
Android (android.graphics.Color)	4291617750 (0xFFCCE3D6)
YUV	218.6410, -2.2880, -12.8402
Hunter-Lab	85.2236, -14.0288, 8.0095

Details

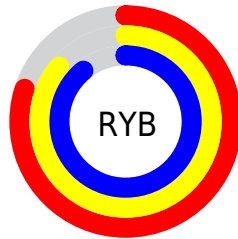
The XYZ color **64.5085, 72.6306, 74.2375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7984, 64.5281, 74.6362**, and the grayscale version is **67.1050, 70.5997, 76.8831**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5882, 38.4923, 38.4604** is the 20% darker color. If you saturate the color by 10%, you get **57.1598, 69.0262, 65.6738**, and if you desaturate by 10%, it is **72.8973, 76.7603, 83.5269**.

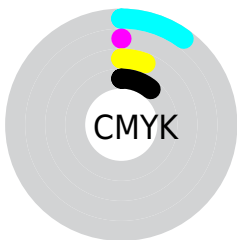
Distribution



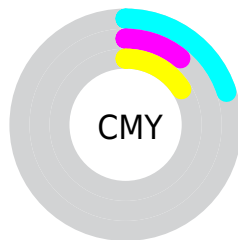
- Red (80%)
- Green (89%)
- Blue (84%)



- Red (80%)
- Yellow (86%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5085, 72.6306, 74.2375 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 64.5085, 72.6306, 74.2375 by changing the saturation by 10% instead.

■ 64.5085, 72.6306,
74.2375

■ 64.5085, 72.6306,
74.2375

430.5968,
469.7335, 494.4780

■ 47.3259, 53.6740,
54.4905

110.4126,
122.9527, 126.9696

■ 33.5024, 38.3411,
38.5981

139.8647,
155.0869, 160.7917

■ 22.6726, 26.2475,
26.1418

174.1375,
192.3824, 200.1426

■ 14.4713, 17.0089,
16.7030

213.5961,
235.2236, 245.4409

■ 8.5331, 10.2408,
9.8633

258.6060,
283.9950, 297.1050

■ 4.4926, 5.5589,
5.2040

309.5325,

■ 1.9844, 2.5788,

339.0808, 355.5535

2.3066

366.7410,
400.8655, 421.2050

■ 0.6252, 0.9160,
0.7349

■ 0.0000, 0.0000,
0.0000

■ 64.5085, 72.6306,
74.2375

■ 64.5085, 72.6306,
74.2375

■ 57.1598, 69.0262,
65.6738

■ 72.8973, 76.7603,
83.5269

■ 50.8030, 65.9165,
57.8136

■ 82.3596, 81.4262,
93.5540

■ 45.3952, 63.2819,
50.6403

■ 86.3602, 83.2609,
104.0289

■ 40.8879, 61.0976,
44.1352

■ 86.7605, 83.4210,
106.1368

■ 37.2279, 59.3366,
38.2783

■ 34.3564, 57.9691,
33.0489

■ 32.2063, 56.9608,
28.4248

■ 30.6985, 56.2714,
24.3823

■ 29.7076, 55.8358,
20.9372

Harmonies

Analogous

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



65.9370, 72.6306, 68.6658



64.5085, 72.6306, 74.2375



64.2758, 72.6306, 81.4472

Triad

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



64.5085, 72.6306, 74.2375



69.8541, 72.6306, 93.8693



72.9134, 72.6306, 70.4165

Complementary

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



64.5085, 72.6306, 74.2375



65.7984, 64.5281, 74.6362

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.



74.0198, 72.6306, 76.7638



64.5085, 72.6306, 74.2375



72.2248, 72.6306, 90.5025

Square

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



64.5085, 72.6306, 74.2375



67.3201, 72.6306, 93.0887



73.7647, 72.6306, 84.1336



70.7751, 72.6306, 66.5565

Rectangle

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



64.5085, 72.6306, 74.2375



64.8241, 72.6306, 86.2610



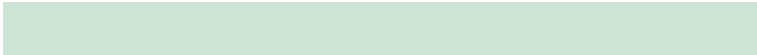
73.7647, 72.6306, 84.1336



73.4207, 72.6306, 72.3135

Sweetspot

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



64.5105, 72.6337, 74.2391



91.6028, 98.3024, 105.1452



66.9960, 74.0580, 67.8912



19.4142, 20.9460, 22.2938



0.0000, 0.0000, 0.0000



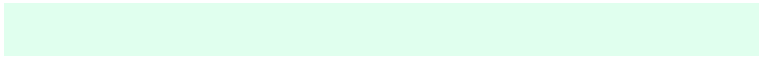
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.5105, 72.6337, 74.2391



82.0135, 93.5869, 94.4015



66.0278, 73.2406, 82.2287



14.4482, 16.1927, 16.6250



17.3809, 32.5844, 12.5058



1.3303, 2.4262, 1.1659

Inverse Universe

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



65.7984, 64.5281, 74.6362



83.9849, 81.1792, 95.0090



64.3575, 63.9518, 67.0487



14.7165, 14.5038, 16.7077



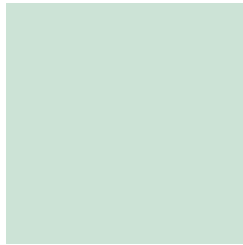
20.8192, 10.4619, 13.2087



1.5849, 0.7917, 1.2206

Previews

White Background



This preview shows how the XYZ color 64.5085, 72.6306, 74.2375 looks on a white background.

Color Contrast Check

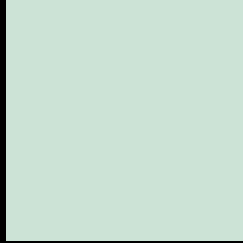
Large Text (above 18pt) WCAG AA × Fail

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 64.5085, 72.6306, 74.2375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

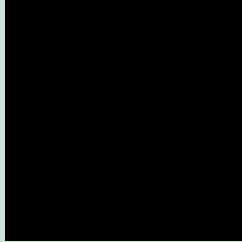
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

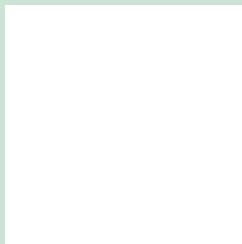
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5085, 72.6306, 74.2375

Background



This preview shows how black text looks on a background with the XYZ color 64.5085, 72.6306, 74.2375.

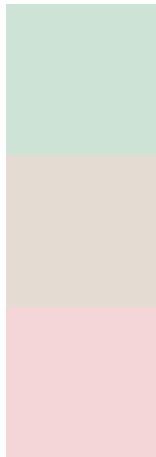


This preview shows how white text looks on a background with the XYZ color 64.5085, 72.6306,

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

64.5085, 72.6306, 74.2375

Protanopia

69.2210, 72.3335, 71.2862

Deuteranopia

73.8792, 72.3360, 75.7140



Tritanopia

68.2773, 72.5361, 93.6214

Trichromacy



Original Color

64.5085, 72.6306, 74.2375

Protanomaly

67.3590, 72.5386, 72.0792

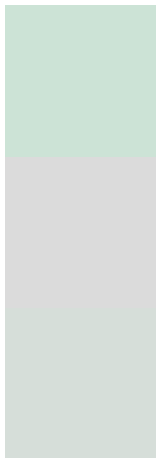
Deuteranomaly

70.0393, 72.2789, 75.2255

Tritanomaly

66.8116, 72.3462, 86.0442

Monochromacy



Original Color

64.5085, 72.6306, 74.2375

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.3772, 71.5484, 75.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5085, 72.6306, 74.2375 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(204, 227, 214) looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 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(204, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.5085, 72.6306, 74.2375 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(204, 227, 214) }
```


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

```
.border{ border-color:rgb(204, 227, 214) }
```

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

Here you see how a box with a 4 pixel rgb(204, 227, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(204, 227,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5085, 72.6306, 74.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 214) }
```

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

```
.background{ background-color: rgb(204,  
227, 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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