

Converting Colors

XYZ(65.9672, 74.0628, 80.6308)

Have a look what the booklet for
XYZ(65.9672, 74.0628, 80.6308)
contains.

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Color

**XYZ(65.9672, 74.0628,
80.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE5DF
RGB	203, 229, 223
RGB Percent	80%, 90%, 87%
CMY	0.2039, 0.1019, 0.1255
CMYK	0.11, 0.00, 0.03, 0.10
HSL	166°, 33%, 85%
HSV	166°, 11%, 90%
XYZ	65.9672, 74.0628, 80.6308
YIQ	220.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

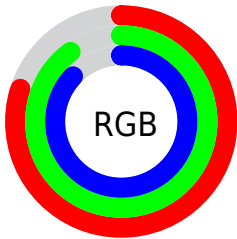
Format	Color
R_{YB}	203, 218, 229
Decimal	13362655
CIE Lab	88.95, -9.69, 0.01
CIE LCh	89, 9.690, 179.951
Yxy	74.0628, 0.2990, 0.3356
Android (android.graphics.Color)	4291552735 (0xFFCBE5DF)
YUV	220.5420, 1.2118, -15.3843
Hunter-Lab	86.0597, -13.7793, 4.6920

Details

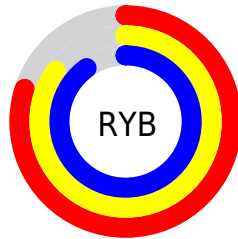
The XYZ color **65.9672, 74.0628, 80.6308** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.1803, 63.9753, 69.2380**, and the grayscale version is **68.4066, 71.9690, 78.3743**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5984, 39.4888, 42.8444** is the 20% darker color. If you saturate the color by 10%, you get **59.4843, 70.8038, 76.6655**, and if you desaturate by 10%, it is **73.3978, 77.8118, 84.7597**.

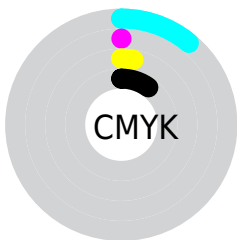
Distribution



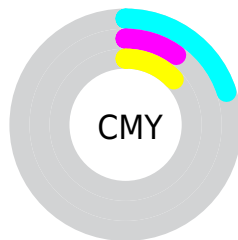
- Red (80%)
- Green (90%)
- Blue (87%)



- Red (80%)
- Yellow (85%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (20%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9672, 74.0628, 80.6308 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 65.9672, 74.0628, 80.6308 by changing the saturation by 10% instead.

65.9672, 74.0628,
80.6308

65.9672, 74.0628,
80.6308

435.7501,
474.6901, 516.8189

48.5134, 54.8454,
59.7084

112.4972,
124.9848, 136.0716

34.4466, 39.2780,
42.7598

142.3042,
157.4583, 171.4271

23.4014, 26.9761,
29.3667

176.9595,
195.1192, 212.4307

15.0125, 17.5552,
19.1105

216.8287,
238.3521, 259.5009

8.9145, 10.6311,
11.5725

262.2769,
287.5412, 313.0563

4.7421, 5.8194,
6.3343

313.6697,

2.1300, 2.7356,

343.0709, 373.5154

2.9774

371.3723,
405.3258, 441.2967

■ 0.7054, 0.9953,
1.0831

■ 0.0000, 0.0000,
0.0000

■ 65.9672, 74.0628,
80.6308

■ 65.9672, 74.0628,
80.6308

■ 59.4843, 70.8038,
76.6655

■ 73.3978, 77.8118,
84.7597

■ 53.9023, 68.0047,
72.8560

■ 81.8077, 82.0610,
89.0502

■ 49.1799, 65.6463,
69.2008

■ 84.8203, 83.5252,
93.2063

■ 45.2700, 63.7042,
65.6967

■ 85.6125, 83.8421,
97.3778

■ 42.1211, 62.1519,
62.3401

■ 86.4277, 84.1681,
101.6706

■ 39.6753, 60.9596,
59.1273

■ 87.2661, 84.5035,
106.0857

■ 37.8665, 60.0933,
56.0540

■ 87.3107, 84.5213,
106.3202

■ 36.6154, 59.5121,
53.1154

■ 35.8706, 59.1813,
50.6773

Harmonies

Analogous

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



66.5511, 74.0628, 74.3272



65.9672, 74.0628, 80.6308



66.5474, 74.0628, 87.2842

Triad

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



65.9672, 74.0628, 80.6308



72.6771, 74.0628, 92.3954



72.6839, 74.0628, 69.9398

Complementary

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



65.9672, 74.0628, 80.6308



65.1803, 63.9753, 69.2380

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.



74.3870, 74.0628, 74.3453



65.9672, 74.0628, 80.6308



74.3830, 74.0628, 87.3043

Square

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



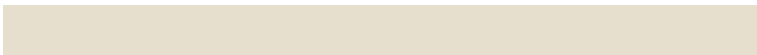
65.9672, 74.0628, 80.6308



70.3906, 74.0628, 94.3028



75.0155, 74.0628, 80.6528



70.3983, 74.0628, 68.3683

Rectangle

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



65.9672, 74.0628, 80.6308



67.5238, 74.0628, 90.9708



75.0155, 74.0628, 80.6528



73.3453, 74.0628, 71.1258

Sweetspot

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



65.9693, 74.0659, 80.6324



92.0082, 98.4646, 107.2802



65.1145, 73.9186, 67.3369



19.5237, 20.9898, 22.8704



0.0000, 0.0000, 0.0000



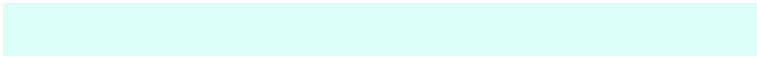
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9693, 74.0659, 80.6324



81.8149, 93.3271, 101.5019



64.9127, 70.6343, 84.3448



14.6576, 16.2765, 17.7278



20.5563, 33.8546, 29.2275



1.5538, 2.5156, 2.3428

Inverse Universe

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



65.1803, 63.9753, 69.2380



80.5899, 77.6557, 83.8073



66.1252, 67.0323, 65.9545



14.5126, 14.4222, 15.6339



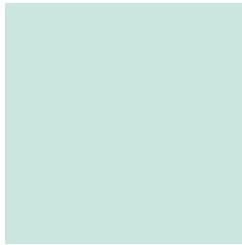
18.8789, 9.6858, 2.9915



1.4302, 0.7298, 0.4061

Previews

White Background



This preview shows how the XYZ color 65.9672, 74.0628, 80.6308 looks on a white background.

Color Contrast Check

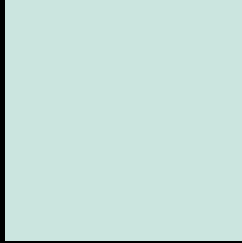
Large Text (above 18pt) WCAG AA × Fail

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 65.9672, 74.0628, 80.6308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

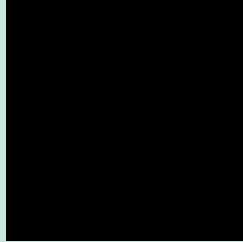
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

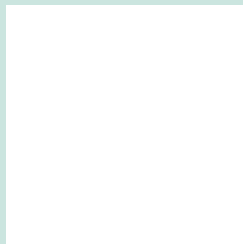
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9672, 74.0628, 80.6308

Background



This preview shows how black text looks on a background with the XYZ color 65.9672, 74.0628, 80.6308.

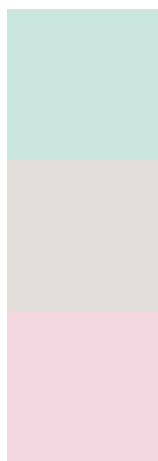


This preview shows how white text looks on a background with the XYZ color 65.9672, 74.0628,

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

65.9672, 74.0628, 80.6308

Protanopia

70.9024, 73.8510, 77.5355

Deuteranopia

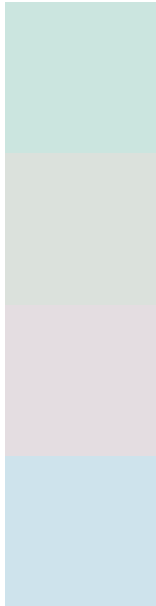
75.2455, 73.6574, 82.2029



Tritanopia

69.2576, 74.1898, 96.2577

Trichromacy



Original Color

65.9672, 74.0628, 80.6308

Protanomaly

69.0569, 74.0778, 78.3689

Deuteranomaly

71.4420, 73.6431, 81.6833

Tritanomaly

68.0630, 74.1161, 90.0754

Monochromacy



Original Color

65.9672, 74.0628, 80.6308

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.5720, 72.8814, 79.6133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9672, 74.0628, 80.6308 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(203, 229, 223)` looks like.

```
.text, #text, p{  
    color:rgb(203, 229, 223)  
}
```

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(203, 229, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 229, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.9672, 74.0628, 80.6308 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(203, 229, 223) }
```


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

```
.border{ border-color:rgb(203, 229, 223) }
```

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

Here you see how a box with a 4 pixel rgb(203, 229, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 229, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 229, 223);  
box-shadow:4px 4px 4px 4px rgb(203, 229,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9672, 74.0628, 80.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 229, 223) }
```

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

```
.background{ background-color: rgb(203,  
229, 223) }
```

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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