

Converting Colors

XYZ(65.0329, 75.0894, 69.7932)

Have a look what the booklet for
XYZ(65.0329, 75.0894, 69.7932)
contains.

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Color

**XYZ(65.0209, 75.0556,
70.0917)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE8CF
RGB	204, 232, 207
RGB Percent	80%, 91%, 81%
CMY	0.2000, 0.0902, 0.1882
CMYK	0.12, 0.00, 0.11, 0.09
HSL	126°, 38%, 85%
HSV	126°, 12%, 91%
XYZ	65.0209, 75.0556, 70.0917
YIQ	220.7780, -8.6630, -13.7110

Conversions

Conversions Part 2

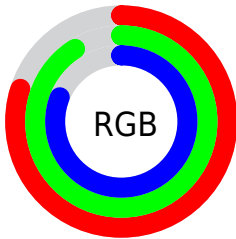
Format	Color
R_{YB}	204, 229, 232
Decimal	13428943
CIE _{Lab}	89.42, -13.83, 9.07
CIE _{LCh}	89, 16.537, 146.748
Yxy	75.0556, 0.3094, 0.3571
Android (android.graphics.Color)	4291619023 (0xFFCCE8CF)
YUV	220.7780, -6.7926, -14.7143
Hunter-Lab	86.6346, -17.6431, 12.6757

Details

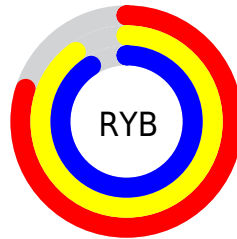
The XYZ color **65.0209, 75.0556, 70.0917** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.0171, 66.0004, 83.2339**, and the grayscale version is **68.6237, 72.1975, 78.6231**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8528, 39.8346, 36.0416** is the 20% darker color. If you saturate the color by 10%, you get **56.7609, 71.0733, 57.3415**, and if you desaturate by 10%, it is **74.5646, 79.6656, 84.6396**.

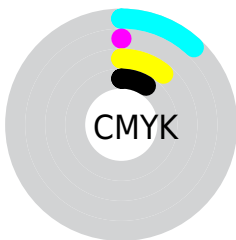
Distribution



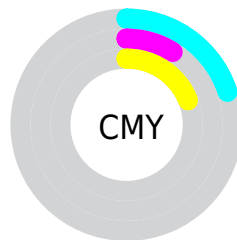
- Red (80%)
- Green (91%)
- Blue (81%)



- Red (80%)
- Yellow (90%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0209, 75.0556, 70.0917 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 65.0209, 75.0556, 70.0917 by changing the saturation by 10% instead.

65.0209, 75.0556,
70.0917

65.0209, 75.0556,
70.0917

432.4111,
478.1087, 479.6697

47.7428, 55.6584,
51.1240

111.1454,
126.3911, 121.0219

33.8336, 39.9291,
35.9299

140.7226,
159.0982, 153.8214

22.9281, 27.4833,
24.0908

175.1301,
197.0107, 192.0687

14.6608, 17.9365,
15.1882

214.7334,
240.5130, 236.1822

8.6665, 10.9044,
8.8035

259.8978,
289.9896, 286.5806

4.5796, 6.0026,
4.5182

310.9886,

2.0350, 2.8467,

345.8248, 343.6822

1.9137

368.3713,
408.4030, 407.9058

■ 0.6535, 1.0522,
0.5014

■ 0.0000, 0.0000,
0.0000

■ 65.0209, 75.0556,
70.0917

■ 65.0209, 75.0556,
70.0917

■ 56.7609, 71.0733,
57.3415

■ 74.5646, 79.6656,
84.6396

■ 49.7239, 67.6823,
46.3144

■ 85.4370, 84.9187,
101.0459

■ 43.8533, 64.8574,
36.9381

■ 88.1481, 86.1962,
106.5994

■ 39.0859, 62.5675,
29.1330

■ 35.3522, 60.7787,
22.8133

■ 32.5750, 59.4532,
17.8846

■ 30.6660, 58.5478,
14.2419

■ 29.5203, 58.0107,
11.7653

■ 29.0320, 57.7858,
10.5354

Harmonies

Analogous

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



67.8898, 75.0556, 63.3779



65.0209, 75.0556, 70.0917



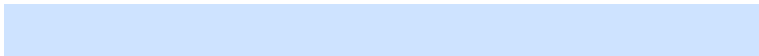
63.8411, 75.0556, 80.4638

Triad

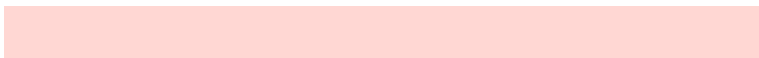
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0209, 75.0556, 70.0917



70.8971, 75.0556, 106.0774



78.5219, 75.0556, 72.0890

Complementary

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



65.0209, 75.0556, 70.0917



69.0171, 66.0004, 83.2339

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.



79.4002, 75.0556, 82.9948



65.0209, 75.0556, 70.0917



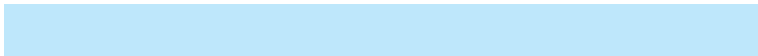
74.9012, 75.0556, 103.3045

Square

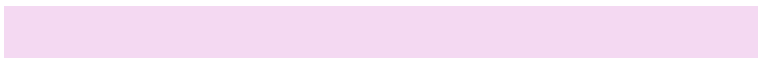
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.0209, 75.0556, 70.0917



67.1520, 75.0556, 101.8320



78.0518, 75.0556, 94.5743



75.6946, 75.0556, 64.4522

Rectangle

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



65.0209, 75.0556, 70.0917



64.1367, 75.0556, 88.3205



78.0518, 75.0556, 94.5743



79.0594, 75.0556, 75.4621

Sweetspot

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



65.0230, 75.0588, 70.0933



89.9646, 97.5438, 101.1888



72.1358, 78.7676, 68.5292



19.0578, 20.7826, 21.3571



0.0000, 0.0000, 0.0000



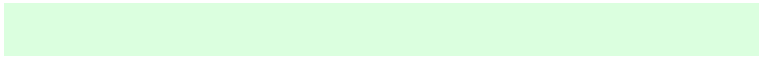
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0230, 75.0588, 70.0933



78.3999, 91.9611, 83.5187



66.7852, 75.7637, 79.3734



14.2518, 16.1141, 15.5907



16.1387, 32.0876, 5.9647



1.2138, 2.3796, 0.5523

Inverse Universe

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



69.0171, 66.0004, 83.2339



84.0900, 79.0558, 102.2386



67.1654, 65.2597, 73.4831



14.9251, 14.5872, 17.8058



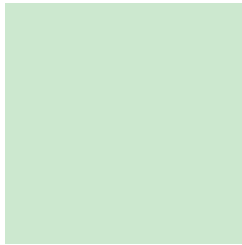
24.7656, 12.0404, 33.9901



1.8493, 0.8974, 2.6128

Previews

White Background



This preview shows how the XYZ color 65.0209, 75.0556, 70.0917 looks on a white background.

Color Contrast Check

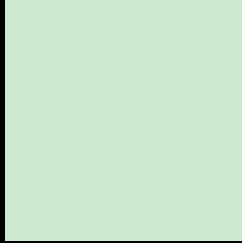
Large Text (above 18pt) WCAG AA × Fail

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 65.0209, 75.0556, 70.0917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

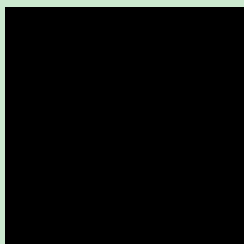
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

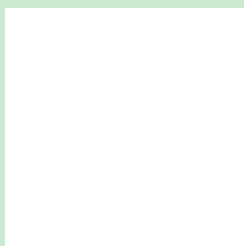
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0209, 75.0556, 70.0917

Background



This preview shows how black text looks on a background with the XYZ color 65.0209, 75.0556, 70.0917.

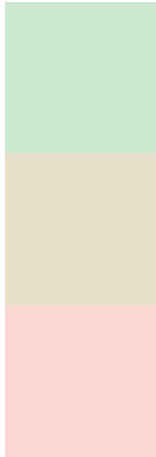


This preview shows how white text looks on a background with the XYZ color 65.0209, 75.0556,

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

65.0209, 75.0556, 70.0917

Protanopia

71.0394, 74.9467, 67.2219

Deuteranopia

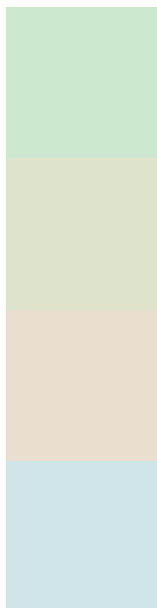
76.2294, 74.7881, 71.3906



Tritanopia

70.5289, 75.2324, 97.1902

Trichromacy



Original Color

65.0209, 75.0556, 70.0917

Protanomaly

68.4924, 74.8274, 67.9599

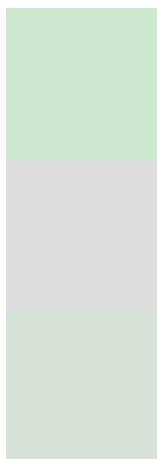
Deuteranomaly

71.5616, 74.3384, 70.8987

Tritanomaly

68.4555, 75.2180, 86.5118

Monochromacy



Original Color

65.0209, 75.0556, 70.0917

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.3442, 73.2554, 75.5560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0209, 75.0556, 70.0917 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, 232, 207) looks like.

```
.text, #text, p{  
    color:rgb(204, 232, 207)  
}
```

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, 232, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 232, 207) }
```

Border

The CSS property to change the border of an element to XYZ 65.0209, 75.0556, 70.0917 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, 232, 207) }
```


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

```
.border{ border-color:rgb(204, 232, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 232, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 232, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 232, 207); box-shadow:4px 4px 4px 4px rgb(204, 232, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0209, 75.0556, 70.0917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 232, 207) }
```

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

```
.background{ background-color: rgb(204,  
232, 207) }
```

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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