

Converting Colors

XYZ(58.4732, 69.8576, 73.7160)

Have a look what the booklet for
XYZ(58.4732, 69.8576, 73.7160)
contains.

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Color

**XYZ(58.4714, 69.9256,
74.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E4D6
RGB	179, 228, 214
RGB Percent	70%, 89%, 84%
CMY	0.2980, 0.1059, 0.1608
CMYK	0.21, 0.00, 0.06, 0.11
HSL	163°, 48%, 80%
HSV	163°, 21%, 89%
XYZ	58.4714, 69.9256, 74.0335
YIQ	211.7530, -24.7100, -14.7420

Conversions

Conversions Part 2

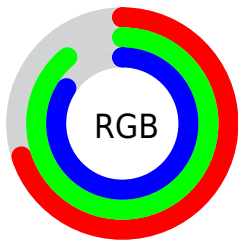
Format	Color
RYB	179, 208, 228
Decimal	11789526
CIELab	86.96, -18.55, 1.65
CIElCh	87, 18.624, 174.917
Yxy	69.9256, 0.2888, 0.3454
Android (android.graphics.Color)	4289979606 (0xFFB3E4D6)
YUV	211.7530, 1.1078, -28.7244
Hunter-Lab	83.6215, -21.5236, 6.0432

Details

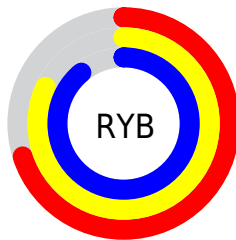
The XYZ color **58.4714, 69.9256, 74.0335** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7431, 52.5862, 57.5619**, and the grayscale version is **62.4215, 65.6723, 71.5172**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **29.4680, 36.3682, 38.2675** is the 20% darker color. If you saturate the color by 10%, you get **52.8161, 67.1063, 69.5126**, and if you desaturate by 10%, it is **65.0353, 73.2132, 78.7736**.

Distribution



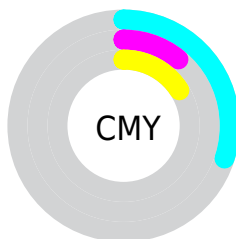
- Red (70%)
- Green (89%)
- Blue (84%)



- Red (70%)
- Yellow (82%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)





- Cyan (30%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4714, 69.9256, 74.0335 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 58.4714, 69.9256, 74.0335 by changing the saturation by 10% instead.


 58.4714, 69.9256,
74.0335

 58.4714, 69.9256,
74.0335


408.8658,
460.2887, 493.7555

 42.4325, 51.4659,
54.3245


 101.7280,
119.1026, 126.6778

 29.6327, 36.5795,
38.4662


129.6765,
150.5888, 160.4501

 19.7066, 24.8821,
26.0401


162.3254,
187.1858, 199.7474

 12.2890, 15.9892,
16.6276

200.0403,
229.2782, 244.9880

 7.0144, 9.5165,
9.8102

243.1864,
277.2503, 296.5906

 3.5175, 5.0796,
5.1693

292.1291,

 1.4330, 2.2940,

331.4865, 354.9737

2.2865

347.2338,
392.3711, 420.5558

■ 0.2795, 0.7706,
0.7236

■ 0.0000, 0.0000,
0.0000

■ 58.4714, 69.9256,
74.0335

■ 58.4714, 69.9256,
74.0335

■ 52.8161, 67.1063,
69.5126

■ 65.0353, 73.2132,
78.7736

■ 48.0202, 64.7243,
65.2023


■ 72.5420, 76.9811,
83.7321


■ 44.0389, 62.7586,
61.0998


■ 81.0313, 81.2516,
88.9143


■ 40.8209, 61.1826,
57.2007

■ 84.7224, 83.0445,
94.0515


 38.3087, 59.9669,
53.5002


 85.7083, 83.4389,
99.2436

 36.4366, 59.0774,
49.9930

 86.7294, 83.8473,
104.6207

 35.1257, 58.4737,
46.6732

 87.0347, 83.9694,
106.2282

 34.3421, 58.1284,
43.9896

Harmonies

Analogous

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



59.8476, 69.9256, 63.1777



58.4714, 69.9256, 74.0335



59.1589, 69.9256, 86.6855

Triad

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



58.4714, 69.9256, 74.0335



70.0500, 69.9256, 100.0031



71.3883, 69.9256, 58.1630

Complementary

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



58.4714, 69.9256, 74.0335



57.7431, 52.5862, 57.5619

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.



74.3431, 69.9256, 66.4811



58.4714, 69.9256, 74.0335



73.5470, 69.9256, 90.7575

Square

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



58.4714, 69.9256, 74.0335



65.7236, 69.9256, 102.5871



75.1497, 69.9256, 78.2802



67.2063, 69.9256, 54.6757

Rectangle

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



58.4714, 69.9256, 74.0335



60.7114, 69.9256, 94.3412



75.1497, 69.9256, 78.2802



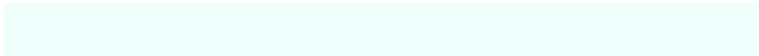
72.5651, 69.9256, 60.4397

Sweetspot

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



58.4734, 69.9285, 74.0351



88.9474, 96.9344, 104.9817



58.0535, 70.1742, 53.1341



18.9021, 20.6795, 22.3805



0.0000, 0.0000, 0.0000



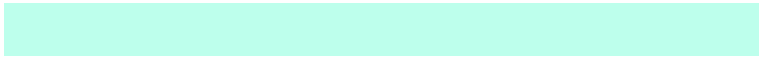
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4734, 69.9285, 74.0351



71.8201, 88.3598, 92.6678



57.7195, 65.4344, 82.9902



14.6226, 16.2625, 17.5435



19.8829, 33.5853, 25.6816



1.5088, 2.4976, 2.1060

Inverse Universe

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



57.7431, 52.5862, 57.5619



70.7148, 62.0629, 67.6987



58.2885, 56.0598, 50.3974



14.5455, 14.4354, 15.8069



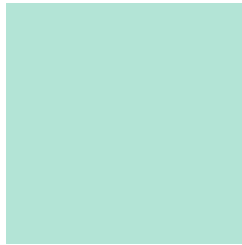
19.0728, 9.7633, 4.0122



1.4485, 0.7371, 0.5021

Previews

White Background



This preview shows how the XYZ color 58.4714, 69.9256, 74.0335 looks on a white background.

Color Contrast Check

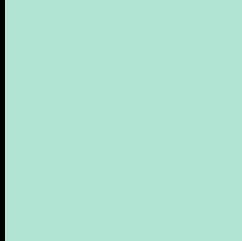
Large Text (above 18pt) WCAG AA × Fail

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 58.4714, 69.9256, 74.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

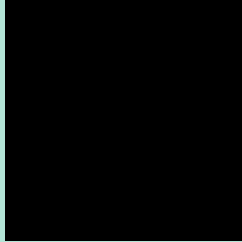
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

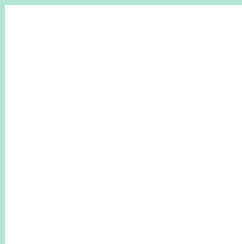
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4714, 69.9256, 74.0335

Background



This preview shows how black text looks on a background with the XYZ color 58.4714, 69.9256, 74.0335.

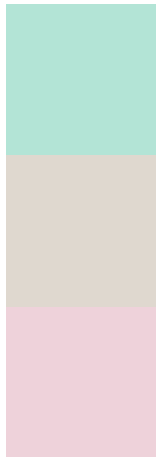


This preview shows how white text looks on a background with the XYZ color 58.4714, 69.9256,

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

58.4714, 69.9256, 74.0335

Protanopia

66.2498, 69.3047, 68.9169

Deuteranopia

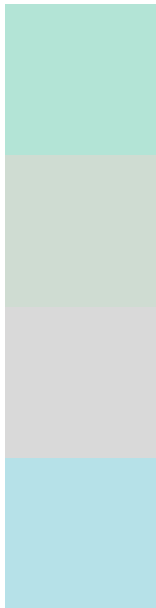
70.9614, 69.3323, 75.9721



Tritanopia

62.4498, 69.9125, 94.2074

Trichromacy



Original Color

58.4714, 69.9256, 74.0335

Protanomaly

62.9582, 69.1049, 70.9931

Deuteranomaly

65.9525, 69.3872, 75.5626

Tritanomaly

60.7821, 69.6217, 86.5787

Monochromacy



Original Color

58.4714, 69.9256, 74.0335

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.9011, 67.2263, 72.7169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4714, 69.9256, 74.0335 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(179, 228, 214)` looks like.

```
.text, #text, p{  
    color:rgb(179, 228, 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(179, 228, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 228, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.4714, 69.9256, 74.0335 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(179, 228, 214) }
```


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

```
.border{ border-color:rgb(179, 228, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 228, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 228, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 228, 214);  
box-shadow:4px 4px 4px 4px rgb(179, 228,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4714, 69.9256, 74.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 228, 214) }
```

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

```
.background{ background-color: rgb(179,  
228, 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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