

Converting Colors

XYZ(57.9664, 69.4796, 74.3236)

Have a look what the booklet for
XYZ(57.9664, 69.4796, 74.3236)
contains.

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Color

**XYZ(58.1406, 69.7402,
74.6869)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E4D7
RGB	177, 228, 215
RGB Percent	69%, 89%, 84%
CMY	0.3059, 0.1059, 0.1569
CMYK	0.22, 0.00, 0.06, 0.11
HSL	165°, 49%, 79%
HSV	165°, 22%, 89%
XYZ	58.1406, 69.7402, 74.6869
YIQ	211.2690, -26.2230, -14.8550

Conversions

Conversions Part 2

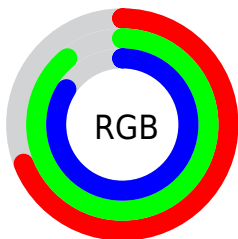
Format	Color
RYB	177, 206, 228
Decimal	11658455
CIELab	86.87, -18.96, 0.98
CIELCh	87, 18.987, 177.050
Yxy	69.7402, 0.2870, 0.3443
Android (android.graphics.Color)	4289848535 (0xFFB1E4D7)
YUV	211.2690, 1.8394, -30.0539
Hunter-Lab	83.5106, -21.8707, 5.4320

Details

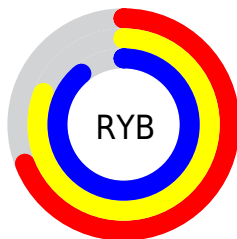
The XYZ color **58.1406, 69.7402, 74.6869** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0137, 51.6578, 55.6841**, and the grayscale version is **62.0969, 65.3308, 71.1452**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **29.2661, 36.2541, 38.7130** is the 20% darker color. If you saturate the color by 10%, you get **52.6415, 66.9920, 70.6005**, and if you desaturate by 10%, it is **64.5378, 72.9521, 78.9568**.

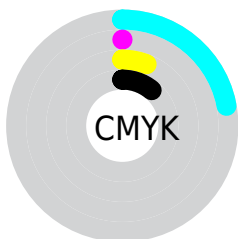
Distribution



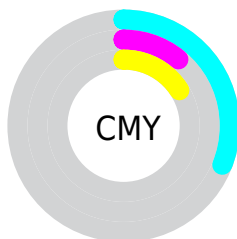
- Red (69%)
- Green (89%)
- Blue (84%)



- Red (69%)
- Yellow (81%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1406, 69.7402, 74.6869 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 58.1406, 69.7402, 74.6869 by changing the saturation by 10% instead.

■ 58.1406, 69.7402,
74.6869

■ 58.1406, 69.7402,
74.6869

407.6551,
459.6373, 496.0674

■ 42.1654, 51.3148,
54.8562

■ 101.2494,
118.8382, 127.6121

■ 29.4225, 36.4592,
38.8888

129.1136,
150.2795, 161.5437

■ 19.5465, 24.7890,
26.3661

161.6716,
186.8283, 201.0127

■ 12.1722, 15.9199,
16.8695

199.2887,
228.8689, 246.4376

■ 6.9341, 9.4675,
9.9805

242.3303,
276.7857, 298.2370

■ 3.4669, 5.0474,
5.2806

291.1616,

■ 1.4052, 2.2751,

330.9631, 356.8294

2.3512

346.1481,
391.7855, 422.6333

■ 0.2599, 0.7605,
0.7597

■ 0.0000, 0.0000,
0.0000

■ 58.1406, 69.7402,
74.6869

■ 58.1406, 69.7402,
74.6869

■ 52.6415, 66.9920,
70.6005

■ 64.5378, 72.9521,
78.9568

■ 47.9914, 64.6765,
66.6895


■ 71.8677, 76.6398,
83.4089


■ 44.1450, 62.7724,
62.9518


■ 80.1699, 80.8257,
88.0478


■ 41.0508, 61.2530,
59.3836


■ 84.4545, 82.9373,
92.6414


 38.6508, 60.0886,
55.9806


 85.3238, 83.2850,
97.2192

 36.8784, 59.2448,
52.7382

 86.2210, 83.6439,
101.9436

 35.6534, 58.6804,
49.6512

 87.0347, 83.9693,
106.2282

 34.9886, 58.3869,
47.3944

Harmonies

Analogous

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



59.3942, 69.7402, 63.4283



58.1406, 69.7402, 74.6869



58.9878, 69.7402, 87.5740

Triad

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



58.1406, 69.7402, 74.6869



70.2342, 69.7402, 99.7908



71.0262, 69.7402, 57.2546

Complementary

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



58.1406, 69.7402, 74.6869



57.0137, 51.6578, 55.6841

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.



74.1625, 69.7402, 65.3762



58.1406, 69.7402, 74.6869



73.6912, 69.7402, 89.9868

Square

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



58.1406, 69.7402, 74.6869



65.8486, 69.7402, 102.9860



75.1586, 69.7402, 77.1974



66.7252, 69.7402, 54.0918

Rectangle

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



58.1406, 69.7402, 74.6869



60.6517, 69.7402, 95.2200



75.1586, 69.7402, 77.1974



72.2588, 69.7402, 59.4476

Sweetspot

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



58.1426, 69.7431, 74.6885



88.0610, 96.4807, 104.7936



57.0668, 69.6887, 52.0396



18.7259, 20.5890, 22.3555



0.0000, 0.0000, 0.0000



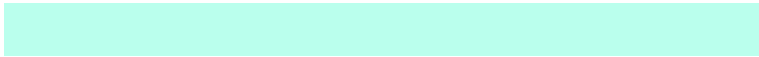
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1426, 69.7431, 74.6885



71.3976, 88.1185, 93.7091



56.7187, 64.1141, 82.7880



14.6422, 16.2703, 17.6468



20.2532, 33.7334, 27.6312



1.5336, 2.5076, 2.2367

Inverse Universe

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



57.0137, 51.6578, 55.6841



69.6940, 60.7864, 64.9998



58.1091, 56.0225, 49.3468



14.5270, 14.4280, 15.7096



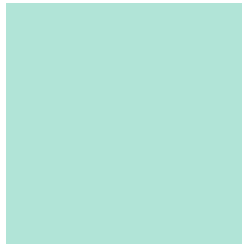
18.9585, 9.7176, 3.4107



1.4379, 0.7329, 0.4465

Previews

White Background



This preview shows how the XYZ color 58.1406, 69.7402, 74.6869 looks on a white background.

Color Contrast Check

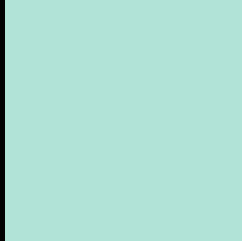
Large Text (above 18pt) WCAG AA × Fail

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 58.1406, 69.7402, 74.6869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

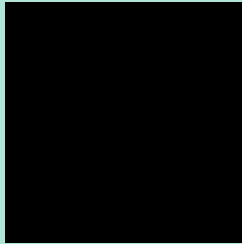
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

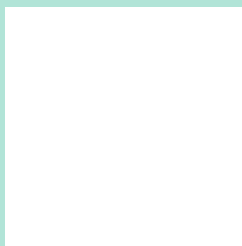
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1406, 69.7402, 74.6869

Background



This preview shows how black text looks on a background with the XYZ color 58.1406, 69.7402, 74.6869.

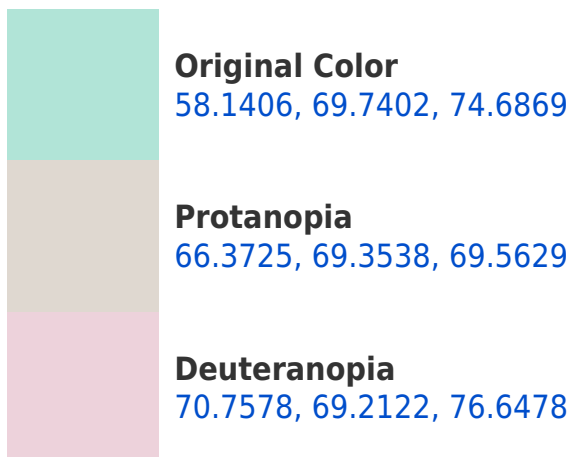


This preview shows how white text looks on a background with the XYZ color 58.1406, 69.7402,

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

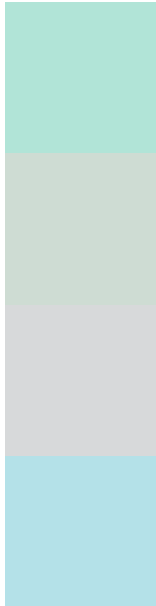




Tritanopia

61.9741, 69.6672, 94.1851

Trichromacy



Original Color

58.1406, 69.7402, 74.6869

Protanomaly

62.8047, 69.0114, 71.6384

Deuteranomaly

65.4921, 69.1347, 76.2222

Tritanomaly

60.3131, 69.3799, 86.5568

Monochromacy



Original Color

58.1406, 69.7402, 74.6869

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2497, 66.5213, 71.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1406, 69.7402, 74.6869 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(177, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(177, 228, 215)  
}
```

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(177, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 228, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.1406, 69.7402, 74.6869 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(177, 228, 215) }
```


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

```
.border{ border-color:rgb(177, 228, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(177, 228,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1406, 69.7402, 74.6869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 228, 215) }
```

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

```
.background{ background-color: rgb(177,  
228, 215) }
```

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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