

Converting Colors

XYZ(58.3745, 71.9575, 74.0587)

Have a look what the booklet for
XYZ(58.3745, 71.9575, 74.0587)
contains.

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Color

**XYZ(58.3827, 71.9662,
73.7646)**

Conversions

Conversions Part 1

Format	Color
Hex	ADE9D5
RGB	173, 233, 213
RGB Percent	68%, 91%, 84%
CMY	0.3216, 0.0863, 0.1647
CMYK	0.26, 0.00, 0.09, 0.09
HSL	160°, 58%, 80%
HSV	160°, 26%, 91%
XYZ	58.3827, 71.9662, 73.7646
YIQ	212.7800, -29.3400, -18.9400

Conversions

Conversions Part 2

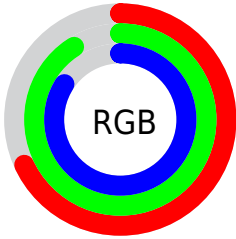
Format	Color
R _Y B	173, 209, 233
Decimal	11397589
CIE Lab	87.95, -23.04, 3.57
CIE LCh	88, 23.317, 171.184
Yxy	71.9662, 0.2860, 0.3526
Android (android.graphics.Color)	4289587669 (0xFFA9E9D5)
YUV	212.7800, 0.1085, -34.8871
Hunter-Lab	84.8329, -25.6124, 7.8287

Details

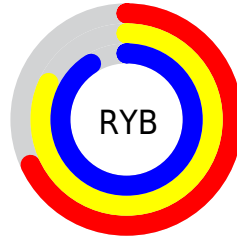
The XYZ color **58.3827, 71.9662, 73.7646** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.1759, 51.0628, 57.2448**, and the grayscale version is **63.1138, 66.4006, 72.3103**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **29.5014, 37.8348, 38.0957** is the 20% darker color. If you saturate the color by 10%, you get **52.7108, 69.1554, 68.4761**, and if you desaturate by 10%, it is **65.0044, 75.2650, 79.3472**.

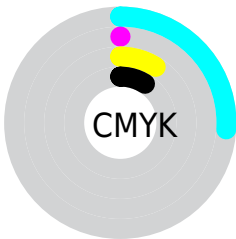
Distribution



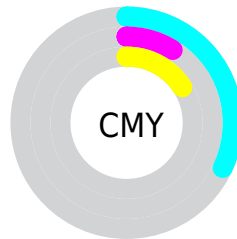
- Red (68%)
- Green (91%)
- Blue (84%)



- Red (68%)
- Yellow (82%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (32%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3827, 71.9662, 73.7646 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 58.3827, 71.9662, 73.7646 by changing the saturation by 10% instead.

■ 58.3827, 71.9662,
73.7646

■ 58.3827, 71.9662,
73.7646

408.5414,
467.4239, 492.8022

■ 42.3608, 53.1311,
54.1058

■ 101.5997,
122.0085, 126.2930

■ 29.5763, 37.9074,
38.2925

129.5256,
153.9844, 159.9997

■ 19.6637, 25.9108,
25.9062

162.1502,
191.1094, 199.2260

■ 12.2576, 16.7569,
16.5283

199.8388,
233.7678, 244.3906

■ 6.9928, 10.0614,
9.7404

242.9569,
282.3441, 295.9120

■ 3.5039, 5.4397,
5.1238


291.8698,

■ 1.4255, 2.5075,


337.2226, 354.2087


2.2601


346.9428,
398.7878, 419.6992


 0.2743, 0.8804,
0.7087


 0.0000, 0.0000,
0.0000


 58.3827, 71.9662,
73.7646

 58.3827, 71.9662,
73.7646

 52.7108, 69.1554,
68.4761


 65.0044, 75.2650,
79.3472


 47.9353, 66.7993,
63.4712


 72.6137, 79.0656,
85.2243

 44.0067, 64.8746,
58.7455


 81.2537, 83.3919,
91.4028


 40.8681, 63.3519,
54.2930


 86.7204, 86.0766,
97.6892


 38.4552, 62.1981,
50.1068

 87.9256, 86.5586,
104.0357

 36.6932, 61.3749,
46.1798

 88.4303, 86.7605,
106.6934

 35.4900, 60.8347,
42.5039

 35.0843, 60.6581,
41.0144

Harmonies

Analogous

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



60.4142, 71.9662, 60.7099



58.3827, 71.9662, 73.7646



58.9201, 71.9662, 89.9380

Triad

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



58.3827, 71.9662, 73.7646



72.3335, 71.9662, 110.4738



75.3160, 71.9662, 56.8641

Complementary

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



58.3827, 71.9662, 73.7646



58.1759, 51.0628, 57.2448

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.



78.8496, 71.9662, 67.8190



58.3827, 71.9662, 73.7646



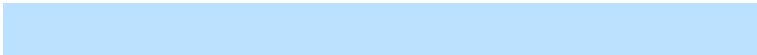
77.0639, 71.9662, 99.1345

Square

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



58.3827, 71.9662, 73.7646



66.7781, 71.9662, 112.6318



79.5060, 71.9662, 83.1402



70.0514, 71.9662, 51.8565

Rectangle

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



58.3827, 71.9662, 73.7646



60.6757, 71.9662, 100.2712



79.5060, 71.9662, 83.1402



76.7572, 71.9662, 59.8969

Sweetspot

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



58.3847, 71.9692, 73.7662



86.8632, 95.9038, 102.9023



58.9321, 72.7674, 50.4756



18.2823, 20.3725, 21.7896



0.0000, 0.0000, 0.0000



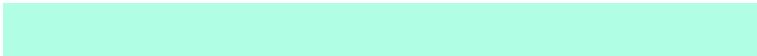
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3847, 71.9692, 73.7662



67.7468, 86.3817, 86.9736



58.5995, 68.0816, 87.1469



15.2918, 17.0315, 18.2195



19.9665, 34.4411, 23.5864



1.6122, 2.7222, 2.0855

Inverse Universe

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



58.1759, 51.0628, 57.2448



67.4521, 56.5697, 63.4291



57.8773, 53.7985, 46.8698



15.2726, 15.1369, 16.7207



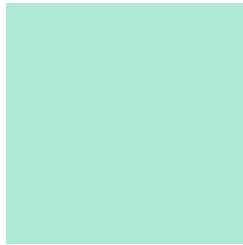
19.8928, 10.1598, 5.2371



1.6053, 0.8151, 0.6386

Previews

White Background



This preview shows how the XYZ color 58.3827, 71.9662, 73.7646 looks on a white background.

Color Contrast Check

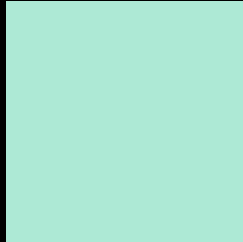
Large Text (above 18pt) WCAG AA × Fail

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 58.3827, 71.9662, 73.7646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

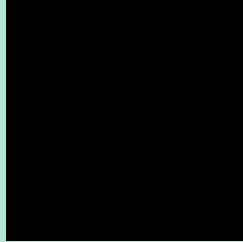
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

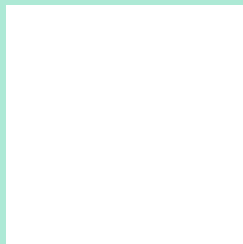
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3827, 71.9662, 73.7646

Background



This preview shows how black text looks on a background with the XYZ color 58.3827, 71.9662, 73.7646.



This preview shows how white text looks on a background with the XYZ color 58.3827, 71.9662,

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

58.3827, 71.9662, 73.7646

Protanopia

68.0295, 71.4017, 67.9540

Deuteranopia

72.9366, 71.4755, 75.5976



Tritanopia

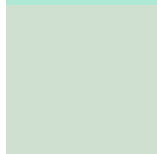
63.2003, 71.8439, 97.7250

Trichromacy



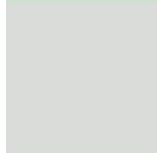
Original Color

58.3827, 71.9662, 73.7646



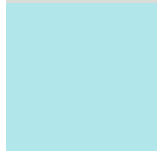
Protanomaly

63.7729, 71.1308, 70.0429



Deuteranomaly

66.6031, 70.8960, 75.1397



Tritanomaly

61.2796, 71.8813, 88.4866

Monochromacy



Original Color

58.3827, 71.9662, 73.7646



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.8921, 67.9963, 72.8660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3827, 71.9662, 73.7646 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(173, 233, 213)` looks like.

```
.text, #text, p{  
    color:rgb(173, 233, 213)  
}
```

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(173, 233, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 233, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.3827, 71.9662, 73.7646 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(173, 233, 213) }
```


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

```
.border{ border-color:rgb(173, 233, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 233, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 233, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 233, 213);  
box-shadow:4px 4px 4px 4px rgb(173, 233,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3827, 71.9662, 73.7646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 233, 213) }
```

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

```
.background{ background-color: rgb(173,  
233, 213) }
```

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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