

Converting Colors

XYZ(58.2502, 69.4500, 71.1835)

Have a look what the booklet for
XYZ(58.2502, 69.4500, 71.1835)
contains.

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Color

**XYZ(58.3933, 69.5364,
71.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E3D2
RGB	182, 227, 210
RGB Percent	71%, 89%, 82%
CMY	0.2863, 0.1098, 0.1765
CMYK	0.20, 0.00, 0.07, 0.11
HSL	157°, 45%, 80%
HSV	157°, 20%, 89%
XYZ	58.3933, 69.5364, 71.3170
YIQ	211.6070, -21.3630, -14.8270

Conversions

Conversions Part 2

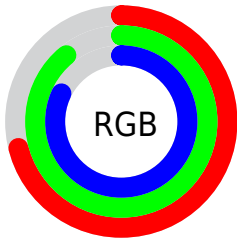
Format	Color
RYB	182, 210, 227
Decimal	11985874
CIELab	86.77, -17.92, 3.50
CIELCh	87, 18.253, 168.951
Yxy	69.5364, 0.2931, 0.3490
Android (android.graphics.Color)	4290175954 (0xFFB6E3D2)
YUV	211.6070, -0.7923, -25.9653
Hunter-Lab	83.3885, -20.9341, 7.6649

Details

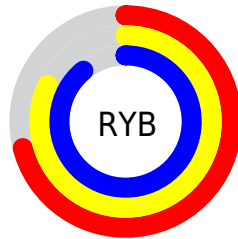
The XYZ color **58.3933, 69.5364, 71.3170** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.7177, 53.9120, 61.3470**, and the grayscale version is **62.3353, 65.5816, 71.4183**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **29.6554, 36.4945, 36.9336** is the 20% darker color. If you saturate the color by 10%, you get **52.4210, 66.5796, 65.6091**, and if you desaturate by 10%, it is **65.2959, 72.9699, 77.3703**.

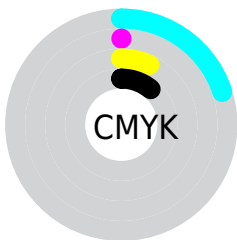
Distribution



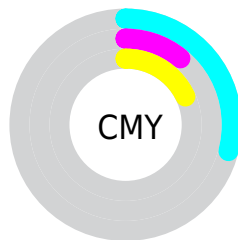
- Red (71%)
- Green (89%)
- Blue (82%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3933, 69.5364, 71.3170 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 58.3933, 69.5364, 71.3170 by changing the saturation by 10% instead.


 58.3933, 69.5364,
71.3170

 58.3933, 69.5364,
71.3170

408.5801,
458.9205, 484.0743

 42.3694, 51.1487,
52.1175


 101.6151,
118.5474, 122.7837

 29.5830, 36.3269,
36.7159


129.5436,
149.9395, 155.8879

 19.6688, 24.6868,
24.6935

162.1711,
186.4351, 194.4641

 12.2614, 15.8439,
15.6319

199.8629,
228.4187, 238.9309

 6.9954, 9.4137,
9.1125

242.9844,
276.2746, 289.7068

 3.5055, 5.0120,
4.7168

291.9008,

 1.4264, 2.2543,

330.3873, 347.2103

2.0263

346.9776,
391.1412, 411.8600

■ 0.2749, 0.7494,
0.5714

■ 0.0000, 0.0000,
0.0000

■ 58.3933, 69.5364,
71.3170

■ 58.3933, 69.5364,
71.3170

■ 52.4210, 66.5796,
65.6091

■ 65.2959, 72.9699,
77.3703

■ 47.3303, 64.0690,
60.2354

■ 73.1626, 76.8918,
83.7708

■ 43.0771, 61.9836,
55.1905

■ 82.0330, 81.3244,
90.5263

■ 39.6108, 60.2976,
50.4671

■ 85.0864, 82.7512,
97.3217

■ 36.8753, 58.9822,
46.0577

■ 86.4217, 83.2853,
104.3533

■ 34.8064, 58.0043,
41.9542

■ 86.7604, 83.4208,
106.1368

■ 33.3282, 57.3250,
38.1476

■ 32.3120, 56.8780,
34.6266

■ 32.2958, 56.8710,
34.5673

Harmonies

Analogous

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



60.1201, 69.5364, 61.3632



58.3933, 69.5364, 71.3170



58.6621, 69.5364, 83.5697

Triad

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



58.3933, 69.5364, 71.3170



68.7814, 69.5364, 100.0705



71.6042, 69.5364, 59.4022

Complementary

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



58.3933, 69.5364, 71.3170



58.7177, 53.9120, 61.3470

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.



74.1248, 69.5364, 68.3655



58.3933, 69.5364, 71.3170



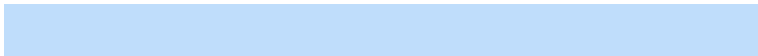
72.4474, 69.5364, 92.1426

Square

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



58.3933, 69.5364, 71.3170



64.5388, 69.5364, 101.0791



74.4398, 69.5364, 80.2867



67.6704, 69.5364, 54.9915

Rectangle

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



58.3933, 69.5364, 71.3170



59.9398, 69.5364, 91.3967



74.4398, 69.5364, 80.2867



72.6520, 69.5364, 61.9352

Sweetspot

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



58.3953, 69.5393, 71.3186



88.7265, 96.8461, 103.8188



59.5344, 70.4950, 54.7260



18.8498, 20.6586, 22.1053



0.0000, 0.0000, 0.0000



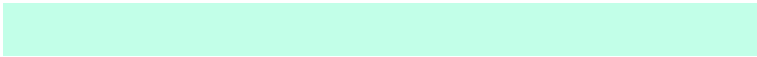
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3953, 69.5393, 71.3186



72.5049, 88.7821, 89.5679



59.2137, 67.6038, 82.6044



14.5645, 16.2392, 17.2373



18.8926, 33.1891, 20.4664



1.4409, 2.4705, 1.7483

Inverse Universe

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



58.7177, 53.9120, 61.3470



73.0016, 64.7603, 74.2452



57.9476, 55.3568, 51.8876



14.6011, 14.4576, 16.0999



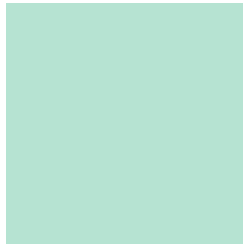
19.5014, 9.9348, 6.2696



1.4851, 0.7517, 0.6950

Previews

White Background



This preview shows how the XYZ color 58.3933, 69.5364, 71.3170 looks on a white background.

Color Contrast Check

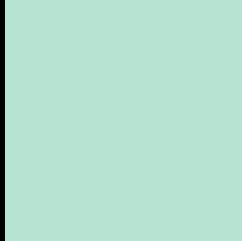
Large Text (above 18pt) WCAG AA × Fail

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 58.3933, 69.5364, 71.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

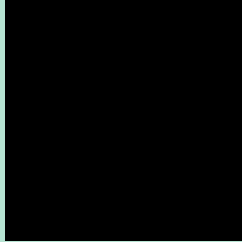
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

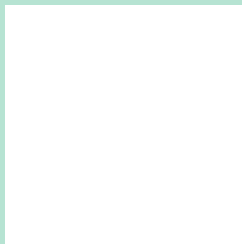
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3933, 69.5364, 71.3170

Background



This preview shows how black text looks on a background with the XYZ color 58.3933, 69.5364, 71.3170.

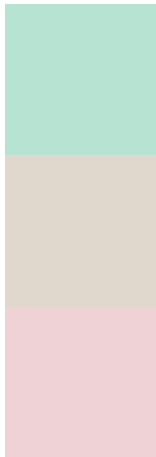


This preview shows how white text looks on a background with the XYZ color 58.3933, 69.5364,

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

58.3933, 69.5364, 71.3170

Protanopia

66.1954, 69.3187, 67.0177

Deuteranopia

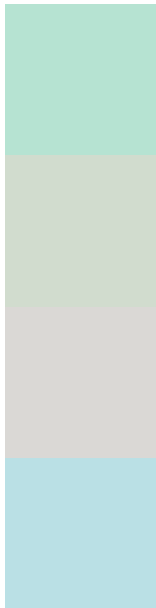
70.7808, 69.2989, 73.2638



Tritanopia

62.8549, 69.7580, 92.5899

Trichromacy



Original Color

58.3933, 69.5364, 71.3170

Protanomaly

63.0283, 69.1979, 68.4271

Deuteranomaly

65.4795, 68.8213, 72.7835

Tritanomaly

61.0482, 69.4076, 84.3082

Monochromacy



Original Color

58.3933, 69.5364, 71.3170

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.6581, 66.7464, 71.3143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3933, 69.5364, 71.3170 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(182, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 227, 210)  
}
```

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(182, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 227, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.3933, 69.5364, 71.3170 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(182, 227, 210) }
```


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

```
.border{ border-color:rgb(182, 227, 210) }
```

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

Here you see how a box with a 4 pixel rgb(182, 227, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 227,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3933, 69.5364, 71.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 227, 210) }
```

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

```
.background{ background-color: rgb(182,  
227, 210) }
```

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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