

Converting Colors

XYZ(57.2920, 64.0303, 81.5563)

Have a look what the booklet for
XYZ(57.2920, 64.0303, 81.5563)
contains.

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Color

**XYZ(57.3193, 64.0369,
81.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D7E2
RGB	182, 215, 226
RGB Percent	71%, 84%, 89%
CMY	0.2863, 0.1568, 0.1137
CMYK	0.19, 0.05, 0.00, 0.11
HSL	195°, 43%, 80%
HSV	195°, 19%, 89%
XYZ	57.3193, 64.0369, 81.2908
YIQ	206.3870, -23.1990, -3.5750

Conversions

Conversions Part 2

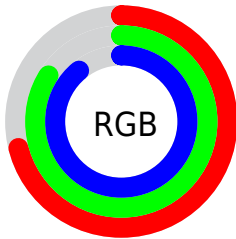
Format	Color
RYB	182, 201, 226
Decimal	11982818
CIELab	83.98, -8.54, -9.05
CIELCh	84, 12.440, 226.665
Yxy	64.0369, 0.2829, 0.3160
Android (android.graphics.Color)	4290172898 (0xFFB6D7E2)
YUV	206.3870, 9.6692, -21.3874
Hunter-Lab	80.0231, -12.1835, -4.2131

Details

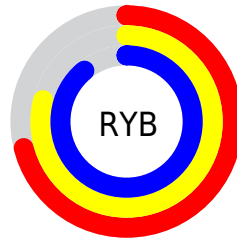
The XYZ color **57.3193, 64.0369, 81.2908** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.8781, 57.6862, 52.2887**, and the grayscale version is **58.8663, 61.9319, 67.4438**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.8236, 32.6711, 43.3151** is the 20% darker color. If you saturate the color by 10%, you get **50.9935, 58.6788, 80.5910**, and if you desaturate by 10%, it is **64.5599, 69.9436, 82.0503**.

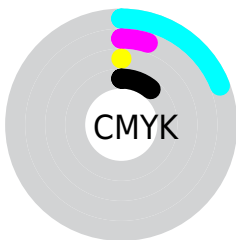
Distribution



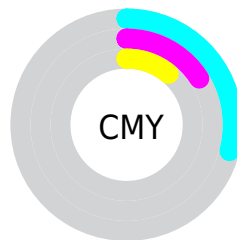
- Red (71%)
- Green (84%)
- Blue (89%)



- Red (71%)
- Yellow (79%)
- Blue (89%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3193, 64.0369, 81.2908 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 57.3193, 64.0369, 81.2908 by changing the saturation by 10% instead.

■ 57.3193, 64.0369,
81.2908

■ 57.3193, 64.0369,
81.2908

404.6396,
439.3229, 519.0934

■ 41.5028, 46.6806,
60.2487

■ 100.0596,
110.6641, 137.0068

■ 28.9016, 32.7832,
43.1925

127.7141,
140.7037, 172.5177

■ 19.1503, 21.9604,
29.7037

160.0453,
175.7399, 213.6887

■ 11.8836, 13.8278,
19.3637

197.4186,
216.1570, 260.9383

■ 6.7361, 8.0010,
11.7539

240.1993,
262.3395, 314.6851

■ 3.3425, 4.0956,
6.4558

288.7528,

■ 1.3373, 1.7272,

314.6717, 375.3474

3.0509

343.4444,
373.5380, 443.3440

■ 0.2109, 0.4412,
1.1207

■ 0.0000, 0.0000,
0.0000

■ 57.3193, 64.0369,
81.2908

■ 57.3193, 64.0369,
81.2908

■ 50.9935, 58.6788,
80.5910

■ 64.5599, 69.9436,
82.0503

■ 45.5351, 53.8393,
79.9446

■ 72.7487, 76.4119,
82.8672

■ 40.9008, 49.4968,
79.3507

■ 81.9241, 83.4640,
83.7448

■ 37.0413, 45.6253,
78.8068

■ 85.4256, 87.6669,
84.3715

■ 33.9017, 42.1956,
78.3103

■ 87.0925, 91.0006,
84.9271

■ 31.4192, 39.1747,
77.8580

■ 88.8113, 94.4384,
85.5001

■ 29.5200, 36.5235,
77.4464

■ 90.5827, 97.9812,
86.0906

■ 28.0827, 34.1789,
77.0696

■ 90.7277, 98.2711,
86.1389

■ 28.0115, 34.0588,
77.0502

Harmonies

Analogous

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



55.9542, 64.0369, 74.1443



57.3193, 64.0369, 81.2908



59.6576, 64.0369, 85.4684

Triad

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



57.3193, 64.0369, 81.2908



66.1391, 64.0369, 73.2651



59.3661, 64.0369, 56.2413

Complementary

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



57.3193, 64.0369, 81.2908



58.8781, 57.6862, 52.2887

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.



62.0889, 64.0369, 56.0448



57.3193, 64.0369, 81.2908



66.0553, 64.0369, 65.4855

Square

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



57.3193, 64.0369, 81.2908



64.7798, 64.0369, 80.6057



64.5543, 64.0369, 59.3123



57.1115, 64.0369, 59.8709

Rectangle

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



57.3193, 64.0369, 81.2908



61.4789, 64.0369, 85.8182



64.5543, 64.0369, 59.3123



60.2555, 64.0369, 55.7816

Sweetspot

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



57.3212, 64.0395, 81.2922



88.4356, 94.7971, 108.2444



56.0330, 68.1566, 60.2278



18.7807, 20.1728, 23.1538



0.0000, 0.0000, 0.0000



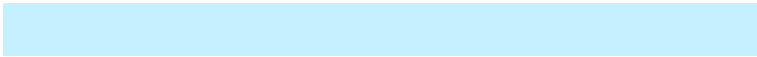
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3212, 64.0395, 81.2922



72.1667, 81.5239, 106.5398



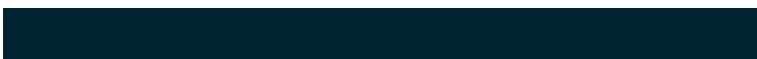
52.2526, 53.9024, 79.6027



13.8113, 14.9618, 17.5477



16.0791, 19.6278, 43.9894



1.1841, 1.4996, 3.0723

Inverse Universe

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



60.3592, 54.5324, 71.6374



76.8379, 67.2095, 91.6268



63.9228, 67.7756, 53.9702



14.1410, 13.8740, 16.5126



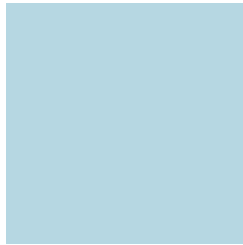
22.0562, 10.8895, 22.7595



1.5639, 0.7688, 1.7624

Previews

White Background



This preview shows how the XYZ color 57.3193, 64.0369, 81.2908 looks on a white background.

Color Contrast Check

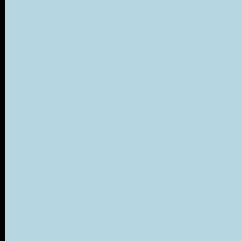
Large Text (above 18pt) WCAG AA × Fail

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 57.3193, 64.0369, 81.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

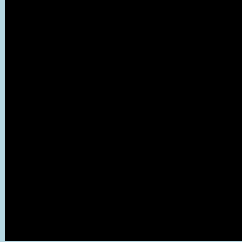
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3193, 64.0369, 81.2908

Background



This preview shows how black text looks on a background with the XYZ color 57.3193, 64.0369, 81.2908.

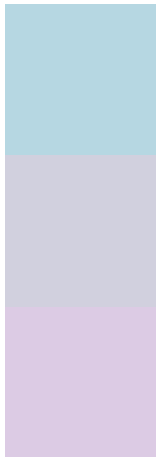


This preview shows how white text looks on a background with the XYZ color 57.3193, 64.0369,

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

57.3193, 64.0369, 81.2908

Protanopia

62.0352, 63.9410, 78.1795

Deuteranopia

64.8747, 63.5290, 82.2418



Tritanopia

57.9988, 63.9299, 84.8842

Trichromacy



Original Color

57.3193, 64.0369, 81.2908

Protanomaly

60.1667, 64.0584, 79.0054

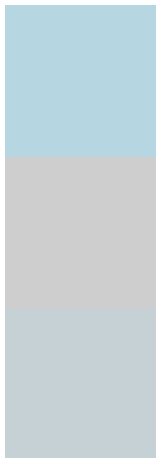
Deuteranomaly

61.6316, 63.2935, 81.6416

Tritanomaly

57.7179, 63.8176, 83.4047

Monochromacy



Original Color

57.3193, 64.0369, 81.2908

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8367, 62.2753, 71.9228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3193, 64.0369, 81.2908 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, 215, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 215, 226)  
}
```

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, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 215, 226) }
```

Border

The CSS property to change the border of an element to XYZ 57.3193, 64.0369, 81.2908 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, 215, 226) }
```


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

```
.border{ border-color:rgb(182, 215, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 215,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3193, 64.0369, 81.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 215, 226) }
```

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

```
.background{ background-color: rgb(182,  
215, 226) }
```

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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