

Converting Colors

XYZ(57.1312, 64.0358, 76.0868)

Have a look what the booklet for
XYZ(57.1312, 64.0358, 76.0868)
contains.

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Color

**XYZ(57.0942, 64.0296,
76.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D7DB
RGB	185, 215, 219
RGB Percent	73%, 84%, 86%
CMY	0.2745, 0.1568, 0.1412
CMYK	0.16, 0.02, 0.00, 0.14
HSL	187°, 32%, 79%
HSV	187°, 16%, 86%
XYZ	57.0942, 64.0296, 76.3676
YIQ	206.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

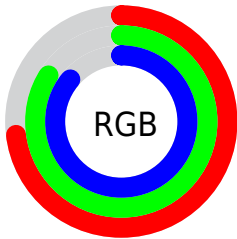
Format	Color
RYB	185, 201, 219
Decimal	12179419
CIELab	83.98, -9.07, -5.32
CIELCh	84, 10.517, 210.360
Yxy	64.0296, 0.2891, 0.3242
Android (android.graphics.Color)	4290369499 (0xFFB9D7DB)
YUV	206.4860, 6.1694, -18.8432
Hunter-Lab	80.0185, -12.6704, -0.5719

Details

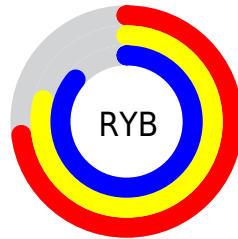
The XYZ color **57.0942, 64.0296, 76.3676** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.1685, 54.9580, 53.5477**, and the grayscale version is **58.9496, 62.0196, 67.5394**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **28.6317, 32.6472, 39.9145** is the 20% darker color. If you saturate the color by 10%, you get **51.5626, 60.2140, 75.9237**, and if you desaturate by 10%, it is **63.4536, 68.2907, 76.8559**.

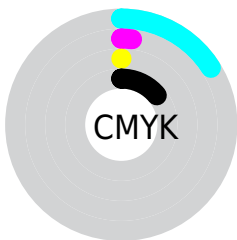
Distribution



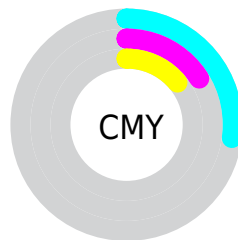
- Red (73%)
- Green (84%)
- Blue (86%)



- Red (73%)
- Yellow (79%)
- Blue (86%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (27%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0942, 64.0296, 76.3676 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 57.0942, 64.0296, 76.3676 by changing the saturation by 10% instead.

■ 57.0942, 64.0296,
76.3676

■ 57.0942, 64.0296,
76.3676

403.8107,
439.2965, 501.9854

■ 41.3213, 46.6746,
56.2255

■ 99.7332, 110.6536,
130.0112

■ 28.7590, 32.7785,
39.9786

127.3300,
140.6914, 164.3499

■ 19.0420, 21.9568,
27.2082

159.5988,
175.7256, 204.2578

■ 11.8048, 13.8252,
17.4958

196.9050,
216.1406, 250.1535

■ 6.6821, 7.9992,
10.4229

239.6140,
262.3208, 302.4556

■ 3.3087, 4.0944,
5.5710

288.0910,

■ 1.3190, 1.7265,

314.6506, 361.5826

2.5215

342.7014,
373.5144, 427.9530

■ 0.1974, 0.4407,
0.8515

■ 0.0000, 0.0000,
0.0000

■ 57.0942, 64.0296,
76.3676

■ 57.0942, 64.0296,
76.3676

■ 51.5626, 60.2140,
75.9237

■ 63.4536, 68.2907,
76.8559

■ 46.8161, 56.8167,
75.5181

■ 70.6700, 73.0072,
77.3859

■ 42.8165, 53.8196,
75.1504

■ 78.7781, 78.1989,
77.9607

■ 39.5201, 51.2001,
74.8185

■ 81.0336, 80.3890,
78.2645

■ 36.8787, 48.9334,
74.5202

■ 81.7361, 81.7941,
78.4987

■ 34.8381, 46.9913,
74.2529

■ 82.4492, 83.2202,
78.7364

■ 33.3350, 45.3412,
74.0136

■ 83.1729, 84.6676,
78.9777

■ 32.2916, 43.9429,
73.7987

■ 83.9072, 86.1363,
79.2224

■ 31.9128, 43.3674,
73.7076

■ 84.6522, 87.6263,
79.4708

Harmonies

Analogous

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



56.5107, 64.0296, 69.7976



57.0942, 64.0296, 76.3676



58.6813, 64.0296, 81.4061

Triad

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



57.0942, 64.0296, 76.3676



64.8133, 64.0296, 76.2200



60.8302, 64.0296, 57.7203

Complementary

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



57.0942, 64.0296, 76.3676



56.1685, 54.9580, 53.5477

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.



63.0883, 64.0296, 59.2047



57.0942, 64.0296, 76.3676



65.4231, 64.0296, 69.6371

Square

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



57.0942, 64.0296, 76.3676



63.1380, 64.0296, 81.3172



64.7841, 64.0296, 63.4648



58.6340, 64.0296, 59.2767

Rectangle

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



57.0942, 64.0296, 76.3676



60.1152, 64.0296, 83.0689



64.7841, 64.0296, 63.4648



61.6073, 64.0296, 57.8791

Sweetspot

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



57.0961, 64.0323, 76.3690



90.0375, 96.7089, 108.5289



54.5219, 64.6511, 57.7317



19.1263, 20.6035, 23.2188



0.0000, 0.0000, 0.0000



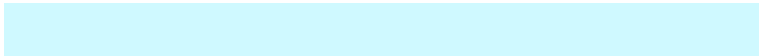
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0961, 64.0323, 76.3690



77.6263, 88.3602, 107.5716



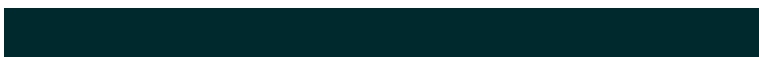
52.9966, 55.8334, 75.0026



13.3074, 14.5545, 16.7601



18.9752, 25.8199, 43.7220



1.2671, 1.7482, 2.8451

Inverse Universe

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



58.8296, 54.6657, 71.7438



80.5903, 72.5264, 99.6228



60.0348, 62.6906, 54.8365



13.5450, 13.2471, 16.1313



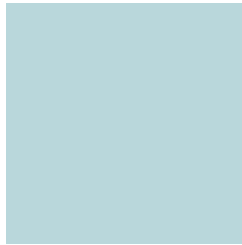
23.0732, 11.2303, 31.0949



1.5138, 0.7352, 2.1148

Previews

White Background



This preview shows how the XYZ color 57.0942, 64.0296, 76.3676 looks on a white background.

Color Contrast Check

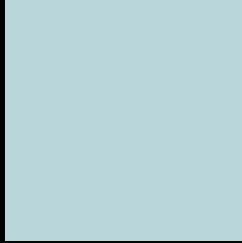
Large Text (above 18pt) WCAG AA × Fail

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 57.0942, 64.0296, 76.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

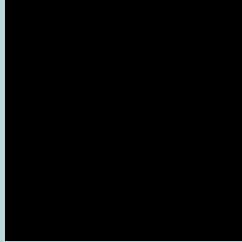
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

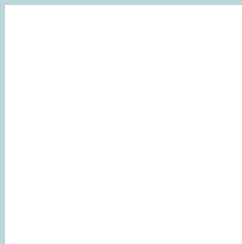
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0942, 64.0296, 76.3676

Background



This preview shows how black text looks on a background with the XYZ color 57.0942, 64.0296, 76.3676.

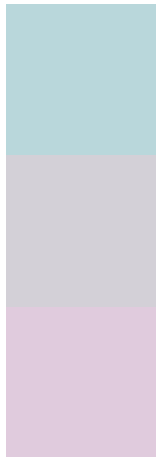


This preview shows how white text looks on a background with the XYZ color 57.0942, 64.0296,

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

57.0942, 64.0296, 76.3676

Protanopia

61.6856, 63.8669, 73.3663

Deuteranopia

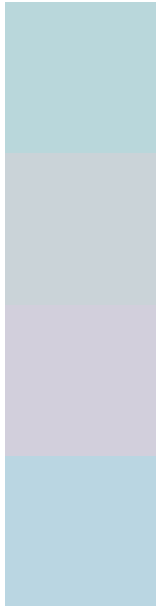
65.1476, 63.7796, 77.2837



Tritanopia

58.5707, 63.8665, 84.1034

Trichromacy



Original Color

57.0942, 64.0296, 76.3676

Protanomaly

60.0461, 64.1030, 74.1741

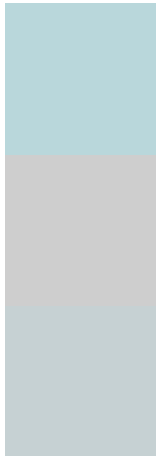
Deuteranomaly

61.8094, 63.4946, 76.7081

Tritanomaly

58.0237, 64.0232, 81.2510

Monochromacy



Original Color

57.0942, 64.0296, 76.3676

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8470, 62.3098, 70.6062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0942, 64.0296, 76.3676 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(185, 215, 219)` looks like.

```
.text, #text, p{  
    color:rgb(185, 215, 219)  
}
```

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(185, 215, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 215, 219) }
```

Border

The CSS property to change the border of an element to XYZ 57.0942, 64.0296, 76.3676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

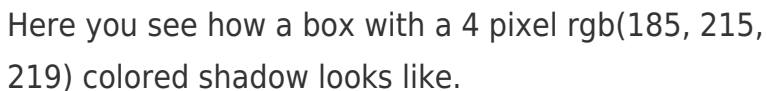
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 215, 219) }
```


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

```
.border{ border-color:rgb(185, 215, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 215, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 215, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 215, 219);  
box-shadow:4px 4px 4px 4px rgb(185, 215,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0942, 64.0296, 76.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 215, 219) }
```

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

```
.background{ background-color: rgb(185,  
215, 219) }
```

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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