

Converting Colors

XYZ(56.6192, 64.3064, 76.1040)

Have a look what the booklet for
XYZ(56.6192, 64.3064, 76.1040)
contains.

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Color

**XYZ(56.6335, 64.1713,
76.4192)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D8DB
RGB	182, 216, 219
RGB Percent	71%, 85%, 86%
CMY	0.2863, 0.1529, 0.1412
CMYK	0.17, 0.01, 0.00, 0.14
HSL	185°, 34%, 79%
HSV	185°, 17%, 86%
XYZ	56.6335, 64.1713, 76.4192
YIQ	206.1760, -21.2270, -6.2750

Conversions

Conversions Part 2

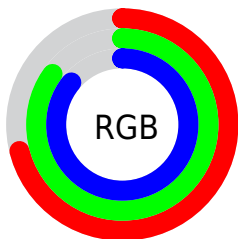
Format	Color
R _Y B	182, 200, 219
Decimal	11983067
CIE Lab	84.05, -10.53, -5.23
CIE LCh	84, 11.756, 206.406
Yxy	64.1713, 0.2872, 0.3254
Android (android.graphics.Color)	4290173147 (0xFFB6D8DB)
YUV	206.1760, 6.3222, -21.2024
Hunter-Lab	80.1070, -13.9925, -0.4856

Details

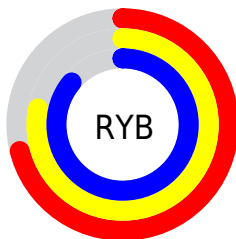
The XYZ color **56.6335, 64.1713, 76.4192** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.0065, 53.1355, 51.6143**, and the grayscale version is **58.7510, 61.8106, 67.3117**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.4990, 32.8372, 39.9581** is the 20% darker color. If you saturate the color by 10%, you get **51.4090, 60.8086, 76.0465**, and if you desaturate by 10%, it is **62.6755, 67.9661, 76.8343**.

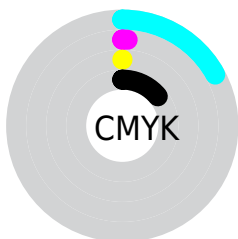
Distribution



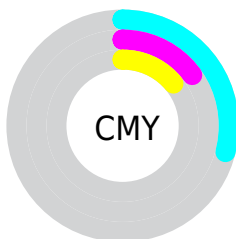
- Red (71%)
- Green (85%)
- Blue (86%)



- Red (71%)
- Yellow (78%)
- Blue (86%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6335, 64.1713, 76.4192 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 56.6335, 64.1713, 76.4192 by changing the saturation by 10% instead.

■ 56.6335, 64.1713,
76.4192

■ 56.6335, 64.1713,
76.4192

402.1110,
439.8080, 502.1665

■ 40.9501, 46.7894,
56.2676

■ 99.0647, 110.8576,
130.0848

■ 28.4676, 32.8692,
40.0121

126.5431,
140.9308, 164.4359

■ 18.8207, 22.0263,
27.2341

158.6839,
176.0033, 204.3572

■ 11.6440, 13.8762,
17.5151

195.8524,
216.4594, 250.2673

■ 6.5722, 8.0346,
10.4366

238.4141,
262.6835, 302.5848

■ 3.2400, 4.1171,
5.5800

286.7341,

■ 1.2819, 1.7393,

315.0600, 361.7281

2.5268

341.1780,
373.9734, 428.1158

■ 0.1696, 0.4489,
0.8543

■ 0.0000, 0.0000,
0.0000

■ 56.6335, 64.1713,
76.4192

■ 56.6335, 64.1713,
76.4192

■ 51.4090, 60.8086,
76.0465

■ 62.6755, 67.9661,
76.8343

■ 46.9589, 57.8506,
75.7101

■ 69.5644, 72.2032,
77.2890

■ 43.2445, 55.2793,
75.4096

■ 77.3352, 76.9021,
77.7864

■ 40.2218, 53.0716,
75.1428

■ 80.4409, 79.2035,
78.0669

■ 37.8419, 51.2026,
74.9074

■ 80.9176, 80.1570,
78.2259

■ 36.0493, 49.6435,
74.7010

■ 81.3993, 81.1205,
78.3864

■ 34.7794, 48.3610,
74.5204

■ 81.8861, 82.0939,
78.5487

■ 33.9481, 47.3117,
74.3617

■ 82.3778, 83.0774,
78.7126

■ 33.7341, 47.0100,
74.3147

■ 82.8746, 84.0709,
78.8782

Harmonies

Analogous

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



56.1489, 64.1713, 68.9800



56.6335, 64.1713, 76.4192



58.2744, 64.1713, 82.4593

Triad

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



56.6335, 64.1713, 76.4192



65.2429, 64.1713, 78.0776



61.3061, 64.1713, 56.5622

Complementary

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



56.6335, 64.1713, 76.4192



55.0065, 53.1355, 51.6143

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.



63.7946, 64.1713, 58.6350



56.6335, 64.1713, 76.4192



66.1078, 64.1713, 70.7710

Square

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



56.6335, 64.1713, 76.4192



63.2382, 64.1713, 83.4634



65.5705, 64.1713, 63.7092



58.8014, 64.1713, 57.8419

Rectangle

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



56.6335, 64.1713, 76.4192



59.8280, 64.1713, 84.6968



65.5705, 64.1713, 63.7092



62.1728, 64.1713, 56.8860

Sweetspot

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



56.6354, 64.1739, 76.4206



90.1852, 97.0043, 108.5782



53.3249, 64.0896, 55.1656



19.1623, 20.6756, 23.2308



0.0000, 0.0000, 0.0000



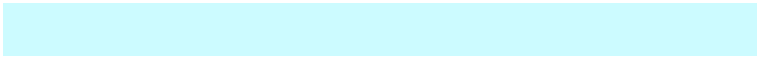
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6354, 64.1739, 76.4206



77.4081, 88.9698, 107.7008



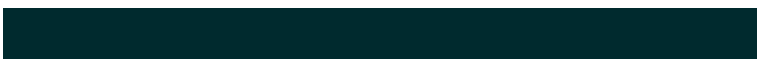
52.2805, 55.4643, 74.9690



13.3500, 14.6396, 16.7743



20.0407, 27.9509, 44.0772



1.3256, 1.8653, 2.8646

Inverse Universe

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



58.3376, 53.4753, 72.2158



80.2248, 71.4025, 100.7122



59.0061, 61.1348, 52.9475



13.5665, 13.2557, 16.2444



23.6110, 11.4454, 33.9270



1.5434, 0.7470, 2.2704

Previews

White Background



This preview shows how the XYZ color 56.6335, 64.1713, 76.4192 looks on a white background.

Color Contrast Check

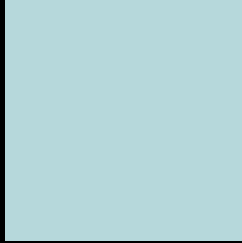
Large Text (above 18pt) WCAG AA × Fail

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 56.6335, 64.1713, 76.4192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

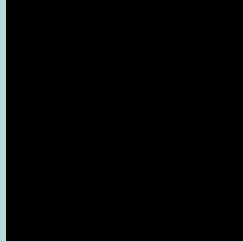
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6335, 64.1713, 76.4192

Background



This preview shows how black text looks on a background with the XYZ color 56.6335, 64.1713, 76.4192.



This preview shows how white text looks on a background with the XYZ color 56.6335, 64.1713,

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

56.6335, 64.1713, 76.4192

Protanopia

61.5574, 63.8157, 72.6916

Deuteranopia

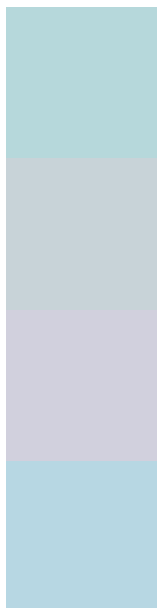
65.2812, 63.8331, 77.9876



Tritanopia

58.2375, 64.0530, 84.8953

Trichromacy



Original Color

56.6335, 64.1713, 76.4192

Protanomaly

59.5084, 63.8258, 74.1489

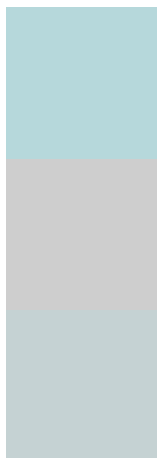
Deuteranomaly

61.9015, 63.8875, 77.4756

Tritanomaly

57.6940, 64.2142, 82.0268

Monochromacy



Original Color

56.6335, 64.1713, 76.4192

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8304, 62.6667, 70.6759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6335, 64.1713, 76.4192 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, 216, 219)` looks like.

```
.text, #text, p{  
    color:rgb(182, 216, 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(182, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 216, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.6335, 64.1713, 76.4192 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, 216, 219) }
```


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

```
.border{ border-color:rgb(182, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(182, 216,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6335, 64.1713, 76.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 216, 219) }
```

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

```
.background{ background-color: rgb(182,  
216, 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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