

Converting Colors

XYZ(56.5637, 64.6666, 75.6803)

Have a look what the booklet for
XYZ(56.5637, 64.6666, 75.6803)
contains.

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Color

**XYZ(56.5238, 64.5114,
75.8025)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D9DA
RGB	181, 217, 218
RGB Percent	71%, 85%, 85%
CMY	0.2902, 0.1490, 0.1451
CMYK	0.17, 0.00, 0.00, 0.15
HSL	182°, 33%, 78%
HSV	182°, 17%, 85%
XYZ	56.5238, 64.5114, 75.8025
YIQ	206.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

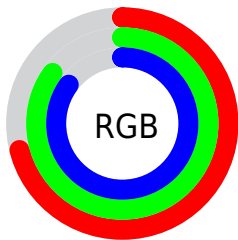
Format	Color
RYB	181, 199, 218
Decimal	11917786
CIELab	84.23, -11.56, -4.44
CIELCh	84, 12.387, 201.028
Yxy	64.5114, 0.2872, 0.3277
Android (android.graphics.Color)	4290107866 (0xFFB5D9DA)
YUV	206.3500, 5.7435, -22.2319
Hunter-Lab	80.3190, -14.9404, 0.2673

Details

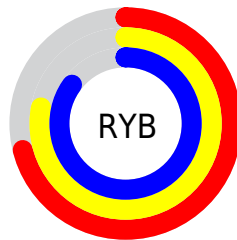
The XYZ color **56.5238, 64.5114, 75.8025** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.9824, 51.6976, 50.8507**, and the grayscale version is **58.8663, 61.9319, 67.4438**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **28.4333, 33.0742, 39.5357** is the 20% darker color. If you saturate the color by 10%, you get **51.6561, 61.7793, 75.5327**, and if you desaturate by 10%, it is **62.1956, 67.6622, 76.1128**.

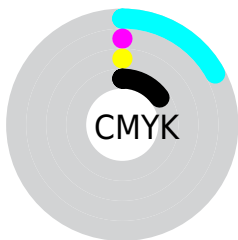
Distribution



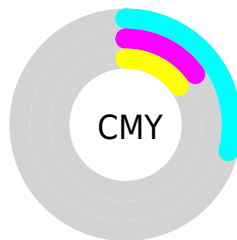
- Red (71%)
- Green (85%)
- Blue (85%)



- Red (71%)
- Yellow (78%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5238, 64.5114, 75.8025 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 56.5238, 64.5114, 75.8025 by changing the saturation by 10% instead.

■ 56.5238, 64.5114,
75.8025

■ 56.5238, 64.5114,
75.8025

401.7056,
441.0341, 500.0002

■ 40.8617, 47.0650,
55.7649

■ 98.9054, 111.3471,
129.2052

■ 28.3982, 33.0870,
39.6117

126.3556,
141.5052, 163.4074

■ 18.7680, 22.1931,
26.9245

158.4658,
176.6693, 203.1682

■ 11.6058, 13.9989,
17.2846

195.6015,
217.2239, 248.9061

■ 6.5461, 8.1199,
10.2735

238.1280,
263.5532, 301.0398

■ 3.2237, 4.1718,
5.4727

286.4106,

■ 1.2731, 1.7701,

316.0418, 359.9876

2.4636

340.8147,
375.0739, 426.1682

■ 0.1630, 0.4684,
0.8208

■ 0.0000, 0.0000,
0.0000

■ 56.5238, 64.5114,
75.8025

■ 56.5238, 64.5114,
75.8025

■ 51.6561, 61.7793,
75.5327

■ 62.1956, 67.6622,
76.1128

■ 47.5498, 59.4388,
75.2974

■ 68.7006, 71.2417,
76.4608

■ 44.1668, 57.4720,
75.0961

■ 76.0733, 75.2693,
76.8496

■ 41.4634, 55.8563,
74.9267

■ 79.3192, 77.1702,
77.0455

■ 39.3912, 54.5669,
74.7870

■ 79.4730, 77.4779,
77.0968

■ 37.8955, 53.5754,
74.6745

■ 79.6274, 77.7867,
77.1482

■ 36.9121, 52.8488,
74.5861

■ 79.7824, 78.0967,
77.1999

■ 36.3574, 52.3440,
74.5179

■ 79.9379, 78.4076,
77.2517

■ 36.2303, 52.2124,
74.4992

■ 80.0939, 78.7197,
77.3037

Harmonies

Analogous

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



56.2527, 64.5114, 67.9126



56.5238, 64.5114, 75.8025



58.0585, 64.5114, 82.6518

Triad

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



56.5238, 64.5114, 75.8025



65.5086, 64.5114, 80.1767



62.1424, 64.5114, 56.3534

Complementary

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



56.5238, 64.5114, 75.8025



53.9824, 51.6976, 50.8507

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.



64.6935, 64.5114, 59.1410



56.5238, 64.5114, 75.8025



66.6747, 64.5114, 72.6240

Square

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



56.5238, 64.5114, 75.8025



63.2282, 64.5114, 85.3052



66.3720, 64.5114, 64.9602



59.4431, 64.5114, 57.0653

Rectangle

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



56.5238, 64.5114, 75.8025



59.6174, 64.5114, 85.5164



66.3720, 64.5114, 64.9602



63.0468, 64.5114, 56.9041

Sweetspot

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



56.5257, 64.5141, 75.8039



90.4043, 97.4425, 108.6512



52.5325, 63.3293, 53.5048



19.2158, 20.7825, 23.2486



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.



56.5257, 64.5141, 75.8039



78.2750, 90.7036, 107.9898



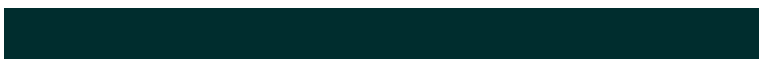
52.1087, 55.6801, 74.3316



13.4132, 14.7662, 16.7953



21.7189, 31.3071, 44.6366



1.4168, 2.0476, 2.8950

Inverse Universe

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



57.9632, 52.9643, 72.8168



80.6623, 71.5775, 103.0164



57.9364, 59.6054, 52.1687



13.5984, 13.2685, 16.4126



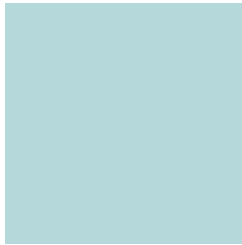
24.4580, 11.7842, 38.3874



1.5894, 0.7654, 2.5127

Previews

White Background



This preview shows how the XYZ color 56.5238, 64.5114, 75.8025 looks on a white background.

Color Contrast Check

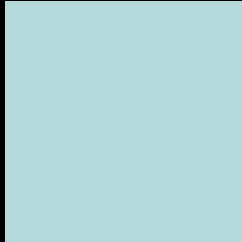
Large Text (above 18pt) WCAG AA × Fail

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 56.5238, 64.5114, 75.8025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

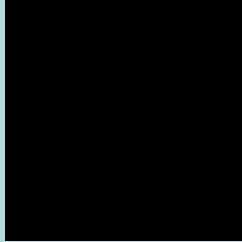
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

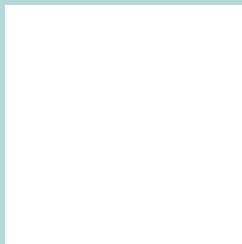
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5238, 64.5114, 75.8025

Background



This preview shows how black text looks on a background with the XYZ color 56.5238, 64.5114, 75.8025.



This preview shows how white text looks on a background with the XYZ color 56.5238, 64.5114,

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

56.5238, 64.5114, 75.8025

Protanopia

61.9621, 64.4021, 72.1159

Deuteranopia

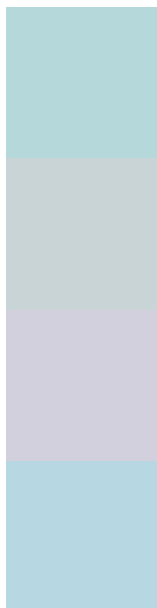
65.4584, 63.9399, 77.2982



Tritanopia

58.6331, 64.6174, 85.7260

Trichromacy



Original Color

56.5238, 64.5114, 75.8025

Protanomaly

59.8966, 64.4108, 73.5656

Deuteranomaly

61.7686, 63.8344, 76.7759

Tritanomaly

57.9494, 64.7251, 82.1120

Monochromacy



Original Color

56.5238, 64.5114, 75.8025

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7054, 62.6166, 70.0176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5238, 64.5114, 75.8025 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(181, 217, 218)` looks like.

```
.text, #text, p{  
    color:rgb(181, 217, 218)  
}
```

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(181, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 217, 218) }
```

Border

The CSS property to change the border of an element to XYZ 56.5238, 64.5114, 75.8025 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(181, 217, 218) }
```


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

```
.border{ border-color:rgb(181, 217, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(181, 217,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5238, 64.5114, 75.8025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 217, 218) }
```

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

```
.background{ background-color: rgb(181,  
217, 218) }
```

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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