

Converting Colors

XYZ(50.4790, 60.5225, 75.2035)

Have a look what the booklet for
XYZ(50.4790, 60.5225, 75.2035)
contains.

XYZ(50.6656, 60.7308, 75.3815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.6656, 60.7308,
75.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD7DA
RGB	156, 215, 218
RGB Percent	61%, 84%, 85%
CMY	0.3882, 0.1568, 0.1451
CMYK	0.28, 0.01, 0.00, 0.15
HSL	183°, 46%, 73%
HSV	183°, 28%, 85%
XYZ	50.6656, 60.7308, 75.3815
YIQ	197.7010, -36.1270, -11.5750

Conversions

Conversions Part 2

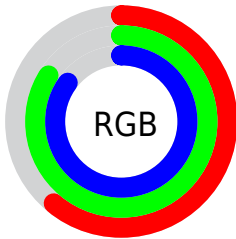
Format	Color
RYB	156, 186, 218
Decimal	10278874
CIELab	82.23, -18.01, -7.56
CIELCh	82, 19.533, 202.770
Yxy	60.7308, 0.2713, 0.3251
Android (android.graphics.Color)	4288468954 (0xFF9CD7DA)
YUV	197.7010, 10.0074, -36.5718
Hunter-Lab	77.9300, -20.3270, -2.8001

Details

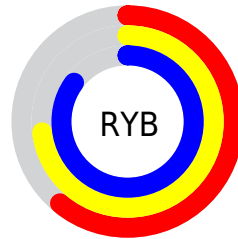
The XYZ color **50.6656, 60.7308, 75.3815** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3129, 42.1022, 37.0865**, and the grayscale version is **53.4534, 56.2371, 61.2422**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **24.6612, 30.6107, 39.2590** is the 20% darker color. If you saturate the color by 10%, you get **46.5529, 58.2150, 75.1137**, and if you desaturate by 10%, it is **55.5407, 63.6452, 75.6881**.

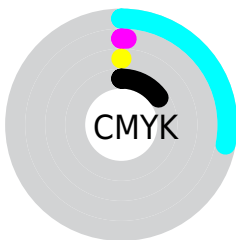
Distribution



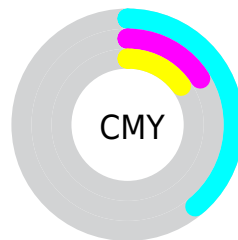
- Red (61%)
- Green (84%)
- Blue (85%)



- Red (61%)
- Yellow (73%)
- Blue (85%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (39%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6656, 60.7308, 75.3815 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 50.6656, 60.7308, 75.3815 by changing the saturation by 10% instead.

50.6656, 60.7308,
75.3815

50.6656, 60.7308,
75.3815

379.6723,
427.2863, 498.5182

36.1625, 44.0079,
55.4219

90.3462, 105.8891,
128.6043

24.7304, 30.6768,
39.3387

116.2545,
135.0933, 162.7046

16.0040, 20.3528,
26.7135

146.6951,
169.2267, 202.3555

9.6178, 12.6518,
17.1276

182.0336,
208.6738, 247.9755

5.2066, 7.1892,
10.1626

222.6351,
253.8189, 299.9833

2.4050, 3.5807,
5.3999

268.8652,

0.8476, 1.4419,

305.0464, 358.7973

2.4209

321.0891,
362.7407, 424.8361

■ 0.0000, 0.2473,
0.7978

■ 0.0000, 0.0000,
0.0000

■ 50.6656, 60.7308,
75.3815

■ 50.6656, 60.7308,
75.3815

■ 46.5529, 58.2150,
75.1137

■ 55.5407, 63.6452,
75.6881

■ 43.1567, 56.0697,
74.8786

■ 61.2103, 66.9702,
76.0311

■ 40.4345, 54.2743,
74.6755

■ 67.7112, 70.7264,
76.4135

■ 38.3371, 52.8036,
74.5022

■ 75.0763, 74.9307,
76.8368

■ 36.8086, 51.6288,
74.3560

■ 79.5602, 77.6522,
77.1258

■ 35.7832, 50.7158,
74.2338

■ 79.8381, 78.2081,
77.2184

■ 35.1627, 50.0141,
74.1311

■ 80.1178, 78.7674,
77.3116

■ 35.0802, 49.9122,
74.1158

■ 80.3992, 79.3303,
77.4054

■ 80.6824, 79.8967,
77.4998

Harmonies

Analogous

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



50.1548, 60.7308, 63.2877



50.6656, 60.7308, 75.3815



53.0232, 60.7308, 86.0660

Triad

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



50.6656, 60.7308, 75.3815



64.3200, 60.7308, 80.9560



58.7341, 60.7308, 45.9263

Complementary

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



50.6656, 60.7308, 75.3815



47.3129, 42.1022, 37.0865

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.



62.6923, 60.7308, 49.5306



50.6656, 60.7308, 75.3815



66.0162, 60.7308, 69.0470

Square

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



50.6656, 60.7308, 75.3815



60.8702, 60.7308, 89.5444



65.4067, 60.7308, 57.6600



54.6858, 60.7308, 47.1935

Rectangle

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



50.6656, 60.7308, 75.3815



55.3887, 60.7308, 90.4733



65.4067, 60.7308, 57.6600



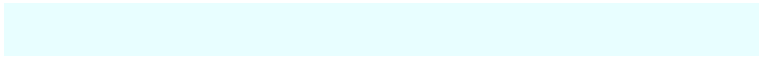
60.1216, 60.7308, 46.5920

Sweetspot

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



50.6674, 60.7332, 75.3829



86.7520, 95.1983, 108.4105



44.9601, 59.6827, 41.5292



18.3012, 20.2205, 23.1883



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.



50.6674, 60.7332, 75.3829



68.6998, 84.4527, 107.2879



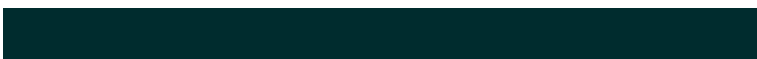
43.7013, 46.8011, 73.0609



13.3881, 14.7160, 16.7870



21.0399, 29.9492, 44.4103



1.3800, 1.9742, 2.8828

Inverse Universe

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



53.0691, 43.5899, 69.9095



72.6805, 56.3291, 98.1507



53.1272, 53.7308, 39.0246



13.5858, 13.2634, 16.3459



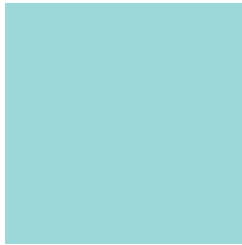
24.1153, 11.6472, 36.5827



1.5709, 0.7580, 2.4151

Previews

White Background



This preview shows how the XYZ color 50.6656, 60.7308, 75.3815 looks on a white background.

Color Contrast Check

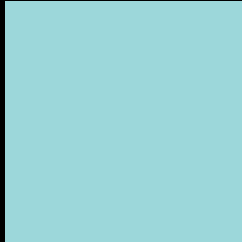
Large Text (above 18pt) WCAG AA × Fail

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 50.6656, 60.7308, 75.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

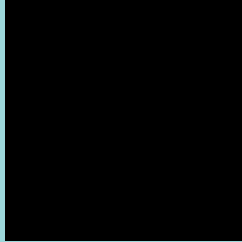
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6656, 60.7308, 75.3815

Background



This preview shows how black text looks on a background with the XYZ color 50.6656, 60.7308, 75.3815.

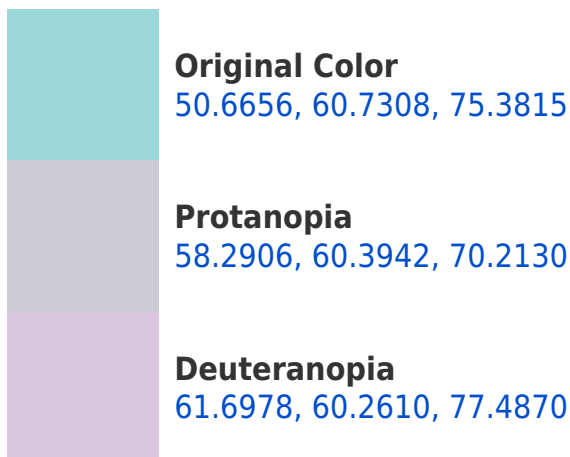


This preview shows how white text looks on a background with the XYZ color 50.6656, 60.7308,

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





Tritanopia

52.3753, 60.6726, 83.8134

Trichromacy



Original Color

50.6656, 60.7308, 75.3815

Protanomaly

54.9439, 60.0455, 72.3124

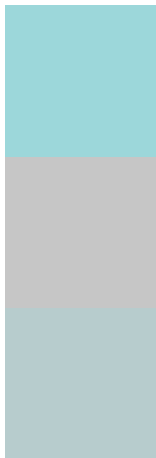
Deuteranomaly

56.8921, 59.8755, 76.9652

Tritanomaly

51.8746, 60.8532, 80.9633

Monochromacy



Original Color

50.6656, 60.7308, 75.3815

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.1407, 57.6608, 66.1391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6656, 60.7308, 75.3815 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(156, 215, 218)` looks like.

```
.text, #text, p{  
    color:rgb(156, 215, 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(156, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 215, 218) }
```

Border

The CSS property to change the border of an element to XYZ 50.6656, 60.7308, 75.3815 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(156, 215, 218) }
```


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

```
.border{ border-color:rgb(156, 215, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(156, 215,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6656, 60.7308, 75.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 215, 218) }
```

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

```
.background{ background-color: rgb(156,  
215, 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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