

Converting Colors

XYZ(55.1870, 63.6418, 75.5565)

Have a look what the booklet for
XYZ(55.1870, 63.6418, 75.5565)
contains.

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Color

**XYZ(55.3722, 63.9178,
75.7486)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D9DA
RGB	176, 217, 218
RGB Percent	69%, 85%, 85%
CMY	0.3098, 0.1490, 0.1451
CMYK	0.19, 0.00, 0.00, 0.15
HSL	181°, 36%, 77%
HSV	181°, 19%, 85%
XYZ	55.3722, 63.9178, 75.7486
YIQ	204.8550, -24.7570, -8.3810

Conversions

Conversions Part 2

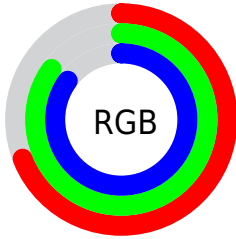
Format	Color
RYB	176, 197, 218
Decimal	11590106
CIELab	83.92, -13.11, -4.93
CIELCh	84, 14.006, 200.628
Yxy	63.9178, 0.2839, 0.3277
Android (android.graphics.Color)	4289780186 (0xFFB0D9DA)
YUV	204.8550, 6.4805, -25.3058
Hunter-Lab	79.9486, -16.2814, -0.2112

Details

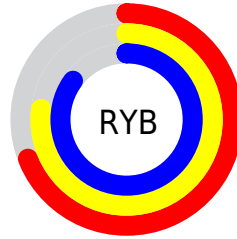
The XYZ color **55.3722, 63.9178, 75.7486** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4725, 49.4842, 47.8611**, and the grayscale version is **57.9091, 60.9248, 66.3471**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **27.6996, 32.6960, 39.5014** is the 20% darker color. If you saturate the color by 10%, you get **50.7008, 61.3136, 75.4932**, and if you desaturate by 10%, it is **60.8393, 66.9362, 76.0441**.

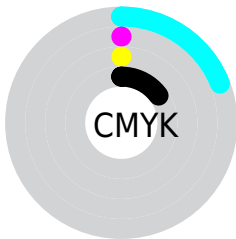
Distribution



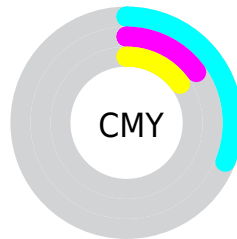
- Red (69%)
- Green (85%)
- Blue (85%)



- Red (69%)
- Yellow (77%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3722, 63.9178, 75.7486 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 55.3722, 63.9178, 75.7486 by changing the saturation by 10% instead.

■ 55.3722, 63.9178,
75.7486

■ 55.3722, 63.9178,
75.7486

397.4348,
438.8927, 499.8106

■ 39.9348, 46.5841,
55.7210

■ 97.2312, 110.4925,
129.1283

■ 27.6717, 32.7070,
39.5768

124.3836,
140.5024, 163.3175

■ 18.2175, 21.9021,
26.8974

156.1716,
175.5064, 203.0642

■ 11.2069, 13.7850,
17.2644

192.9607,
215.8890, 248.7871

■ 6.2745, 7.9713,
10.2593

235.1162,
262.0345, 300.9046

■ 3.0549, 4.0766,
5.4633

283.0035,

■ 1.1829, 1.7165,

314.3274, 359.8353

2.4582

336.9879,
373.1520, 425.9978

■ 0.0928, 0.4343,
0.8179

■ 0.0000, 0.0000,
0.0000

■ 55.3722, 63.9178,
75.7486

■ 55.3722, 63.9178,
75.7486

■ 50.7008, 61.3136,
75.4932

■ 60.8393, 66.9362,
76.0441

■ 46.7818, 59.0962,
75.2717

■ 67.1317, 70.3790,
76.3770

■ 43.5763, 57.2472,
75.0838

■ 74.2843, 74.2659,
76.7502

■ 41.0397, 55.7437,
74.9273

■ 79.2460, 77.0239,
77.0211

39.1222, 54.5599,
74.7999

79.3813, 77.2945,
77.0662

37.7673, 53.6669,
74.6989

79.5170, 77.5659,
77.1114

36.9082, 53.0300,
74.6212

79.6531, 77.8381,
77.1568

36.4354, 52.5929,
74.5618

79.7897, 78.1112,
77.2023

36.4058, 52.5634,
74.5577

79.9266, 78.3851,
77.2479

Harmonies

Analogous

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



55.0898, 63.9178, 66.8680



55.3722, 63.9178, 75.7486



57.0693, 63.9178, 83.5593

Triad

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



55.3722, 63.9178, 75.7486



65.4498, 63.9178, 80.9279



61.7222, 63.9178, 54.1556

Complementary

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



55.3722, 63.9178, 75.7486



52.4725, 49.4842, 47.8611

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.



64.5897, 63.9178, 57.2812



55.3722, 63.9178, 75.7486



66.7893, 63.9178, 72.3964

Square

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



55.3722, 63.9178, 75.7486



62.8640, 63.9178, 86.7207



66.4693, 63.9178, 63.7852



58.6877, 63.9178, 54.8879

Rectangle

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



55.3722, 63.9178, 75.7486



58.8072, 63.9178, 86.8683



66.4693, 63.9178, 63.7852



62.7391, 63.9178, 54.7792

Sweetspot

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



55.3741, 63.9204, 75.7500



89.5277, 96.9813, 108.6084



50.8829, 62.5364, 50.8283



19.0396, 20.6906, 23.2401



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.



55.3741, 63.9204, 75.7500



76.2236, 89.6377, 107.8921



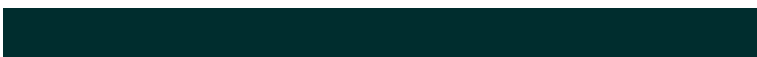
50.3681, 53.9085, 74.0814



13.4170, 14.7737, 16.7966



21.8225, 31.5144, 44.6711



1.4223, 2.0588, 2.8969

Inverse Universe

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



56.9646, 50.9671, 72.4840



78.8856, 68.0286, 102.4101



56.8765, 58.2923, 49.3291



13.6003, 13.2692, 16.4226



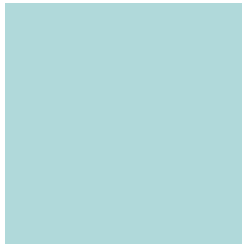
24.5103, 11.8052, 38.6628



1.5922, 0.7665, 2.5276

Previews

White Background



This preview shows how the XYZ color 55.3722, 63.9178, 75.7486 looks on a white background.

Color Contrast Check

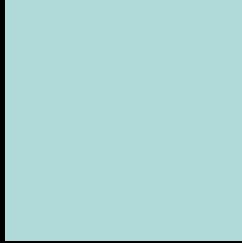
Large Text (above 18pt) WCAG AA × Fail

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 55.3722, 63.9178, 75.7486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

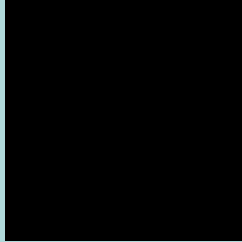
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3722, 63.9178, 75.7486

Background



This preview shows how black text looks on a background with the XYZ color 55.3722, 63.9178, 75.7486.

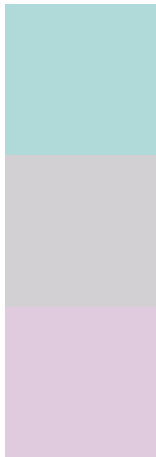


This preview shows how white text looks on a background with the XYZ color 55.3722, 63.9178,

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

55.3722, 63.9178, 75.7486

Protanopia

61.3035, 63.7141, 71.3544

Deuteranopia

64.8385, 63.6203, 77.2692



Tritanopia

57.4563, 64.0108, 85.6710

Trichromacy



Original Color

55.3722, 63.9178, 75.7486

Protanomaly

58.7206, 63.4493, 72.7704

Deuteranomaly

60.9277, 63.4009, 76.7365

Tritanomaly

56.7811, 64.1228, 82.0573

Monochromacy



Original Color

55.3722, 63.9178, 75.7486

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.6815, 61.7234, 69.8991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3722, 63.9178, 75.7486 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(176, 217, 218)` looks like.

```
.text, #text, p{  
    color:rgb(176, 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(176, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 217, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.3722, 63.9178, 75.7486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

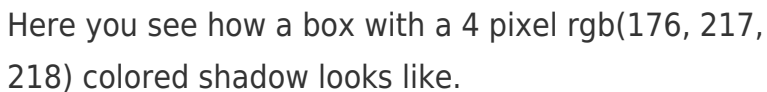
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 217, 218) }
```


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

```
.border{ border-color:rgb(176, 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(176, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 217, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 217, 218); box-shadow:4px 4px 4px 4px rgb(176, 217, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3722, 63.9178, 75.7486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 217, 218) }
```

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

```
.background{ background-color: rgb(176,  
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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