

Converting Colors

XYZ(55.0952, 63.2254, 75.3219)

Have a look what the booklet for
XYZ(55.0952, 63.2254, 75.3219)
contains.

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Color

**XYZ(55.3422, 63.5208,
75.6736)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D8DA
RGB	177, 216, 218
RGB Percent	69%, 85%, 85%
CMY	0.3059, 0.1529, 0.1451
CMYK	0.19, 0.01, 0.00, 0.15
HSL	183°, 36%, 77%
HSV	183°, 19%, 85%
XYZ	55.3422, 63.5208, 75.6736
YIQ	204.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

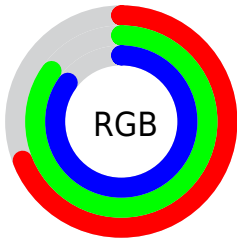
Format	Color
RYB	177, 197, 218
Decimal	11655386
CIELab	83.72, -12.29, -5.23
CIElCh	84, 13.358, 203.065
Yxy	63.5208, 0.2845, 0.3265
Android (android.graphics.Color)	4289845466 (0xFFB1D8DA)
YUV	204.5670, 6.6225, -24.1763
Hunter-Lab	79.6999, -15.5277, -0.5048

Details

The XYZ color **55.3422, 63.5208, 75.6736** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9699, 50.3200, 48.5170**, and the grayscale version is **57.7250, 60.7312, 66.1363**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **27.6679, 32.4192, 39.4496** is the 20% darker color. If you saturate the color by 10%, you get **50.4973, 60.6222, 75.3705**, and if you desaturate by 10%, it is **60.9858, 66.8370, 76.0173**.

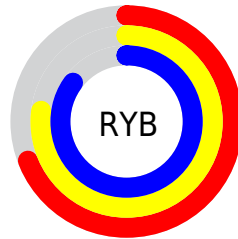
Distribution



Red (69%)

Green (85%)

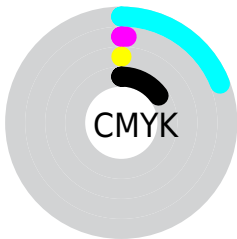
Blue (85%)



Red (69%)

Yellow (77%)

Blue (85%)

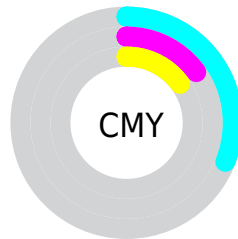


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3422, 63.5208, 75.6736 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 55.3422, 63.5208, 75.6736 by changing the saturation by 10% instead.

■ 55.3422, 63.5208,
75.6736

■ 55.3422, 63.5208,
75.6736

397.3231,
437.4571, 499.5467

■ 39.9107, 46.2627,
55.6599

■ 97.1876, 109.9205,
129.0213

■ 27.6528, 32.4531,
39.5281

124.3321,
139.8309, 163.1923

■ 18.2032, 21.7078,
26.8598

156.1117,
174.7275, 202.9194

■ 11.1966, 13.6424,
17.2365

192.8918,
214.9946, 248.6213

■ 6.2675, 7.8724,
10.2395

235.0375,
261.0168, 300.7164

■ 3.0506, 4.0134,
5.4504

282.9145,

■ 1.1806, 1.6811,

313.1783, 359.6234

2.4505

336.8879,
371.8636, 425.7606

■ 0.0909, 0.4113,
0.8138

■ 0.0000, 0.0000,
0.0000

■ 55.3422, 63.5208,
75.6736

■ 55.3422, 63.5208,
75.6736

■ 50.4973, 60.6222,
75.3705

■ 60.9858, 66.8370,
76.0173

■ 46.4079, 58.1141,
75.1019

■ 67.4576, 70.5812,
76.3989

■ 43.0353, 55.9781,
74.8674

■ 74.7925, 74.7729,
76.8214

■ 40.3350, 54.1912,
74.6648

■ 79.5545, 77.6408,
77.1239

■ 38.2576, 52.7281,
74.4919

■ 79.8345, 78.2009,
77.2173

■ 36.7470, 51.5598,
74.3460

■ 80.1163, 78.7645,
77.3112

■ 35.7368, 50.6519,
74.2240

■ 80.3999, 79.3316,
77.4057

■ 35.1241, 49.9516,
74.1211

■ 80.6852, 79.9023,
77.5008

■ 35.0607, 49.8733,
74.1093

■ 80.9724, 80.4766,
77.5966

Harmonies

Analogous

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



54.9573, 63.5208, 67.2351



55.3422, 63.5208, 75.6736



57.0549, 63.5208, 82.8663

Triad

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



55.3422, 63.5208, 75.6736



64.9868, 63.5208, 79.3100



61.0568, 63.5208, 54.3626

Complementary

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



55.3422, 63.5208, 75.6736



52.9699, 50.3200, 48.5170

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.



63.8207, 63.5208, 57.0610



55.3422, 63.5208, 75.6736



66.1367, 63.5208, 71.1281

Square

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



55.3422, 63.5208, 75.6736



62.6070, 63.5208, 85.0815



65.7032, 63.5208, 63.0376



58.1960, 63.5208, 55.3659

Rectangle

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



55.3422, 63.5208, 75.6736



58.7498, 63.5208, 85.7603



65.7032, 63.5208, 63.0376



62.0291, 63.5208, 54.8590

Sweetspot

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



55.3440, 63.5234, 75.6750



89.4061, 96.7382, 108.5679



51.2767, 62.7202, 51.7175



19.0108, 20.6329, 23.2305



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.



55.3440, 63.5234, 75.6750



75.7615, 88.7135, 107.7381



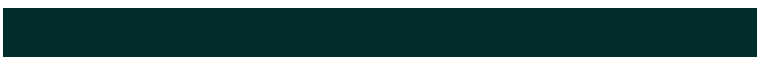
50.5575, 53.9503, 74.0795



13.3877, 14.7151, 16.7868



21.0284, 29.9262, 44.4064



1.3794, 1.9729, 2.8826

Inverse Universe

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



57.0317, 51.3089, 71.8665



78.6524, 67.9353, 101.1818



57.2431, 58.8664, 49.9414



13.5856, 13.2633, 16.3448



24.1095, 11.6448, 36.5521



1.5705, 0.7579, 2.4134

Previews

White Background



This preview shows how the XYZ color 55.3422, 63.5208, 75.6736 looks on a white background.

Color Contrast Check

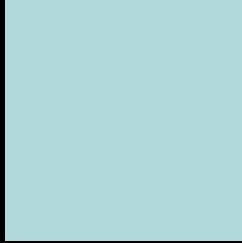
Large Text (above 18pt) WCAG AA × Fail

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 55.3422, 63.5208, 75.6736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

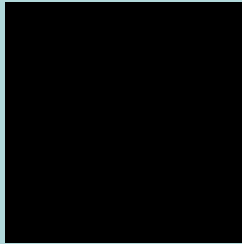
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

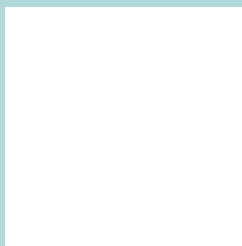
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3422, 63.5208, 75.6736

Background



This preview shows how black text looks on a background with the XYZ color 55.3422, 63.5208, 75.6736.



This preview shows how white text looks on a background with the XYZ color 55.3422, 63.5208,

75.6736.

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

55.3422, 63.5208, 75.6736

Protanopia

60.9014, 63.1314, 71.9265

Deuteranopia

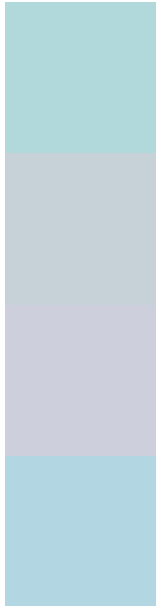
64.6031, 63.1495, 77.1907



Tritanopia

57.2928, 63.5660, 84.8511

Trichromacy



Original Color

55.3422, 63.5208, 75.6736

Protanomaly

58.6010, 63.0053, 73.3626

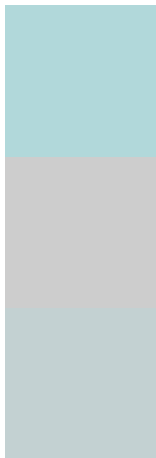
Deuteranomaly

60.6847, 62.9148, 76.6555

Tritanomaly

56.6183, 63.6756, 81.2580

Monochromacy



Original Color

55.3422, 63.5208, 75.6736

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9390, 61.8562, 69.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3422, 63.5208, 75.6736 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(177, 216, 218)` looks like.

```
.text, #text, p{  
    color:rgb(177, 216, 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(177, 216, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 216, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.3422, 63.5208, 75.6736 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(177, 216, 218) }
```


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

```
.border{ border-color:rgb(177, 216, 218) }
```

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

Here you see how a box with a 4 pixel rgb(177, 216, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 216, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 216, 218);  
box-shadow:4px 4px 4px 4px rgb(177, 216,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3422, 63.5208, 75.6736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 216, 218) }
```

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

```
.background{ background-color: rgb(177,  
216, 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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