

Converting Colors

XYZ(55.6910, 63.9055, 73.8910)

Have a look what the booklet for
XYZ(55.6910, 63.9055, 73.8910)
contains.

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Color

**XYZ(55.6440, 63.7213,
73.6567)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D8D7
RGB	180, 216, 215
RGB Percent	71%, 85%, 84%
CMY	0.2941, 0.1529, 0.1569
CMYK	0.17, 0.00, 0.00, 0.15
HSL	178°, 32%, 78%
HSV	178°, 17%, 85%
XYZ	55.6440, 63.7213, 73.6567
YIQ	205.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

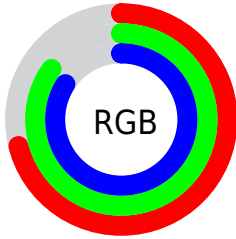
Format	Color
R _{YB}	180, 198, 216
Decimal	11851991
CIE Lab	83.82, -11.98, -3.46
CIE LCh	84, 12.475, 196.124
Yxy	63.7213, 0.2883, 0.3301
Android (android.graphics.Color)	4290042071 (0xFFB4D8D7)
YUV	205.1220, 4.8699, -22.0320
Hunter-Lab	79.8256, -15.2679, 1.1699

Details

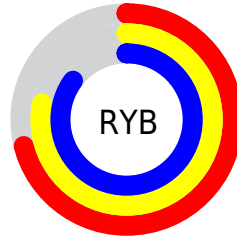
The XYZ color **55.6440, 63.7213, 73.6567** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9829, 50.5794, 50.6891**, and the grayscale version is **58.0870, 61.1121, 66.5511**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **27.8424, 32.5398, 38.0711** is the 20% darker color. If you saturate the color by 10%, you get **50.9255, 61.2994, 73.0343**, and if you desaturate by 10%, it is **61.1501, 66.5526, 74.3201**.

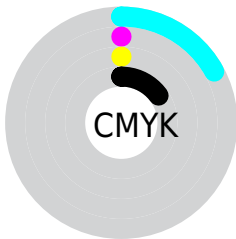
Distribution



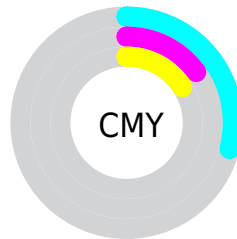
- Red (71%)
- Green (85%)
- Blue (84%)



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



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



- Cyan (29%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6440, 63.7213, 73.6567 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 55.6440, 63.7213, 73.6567 by changing the saturation by 10% instead.

■ 55.6440, 63.7213,
73.6567

■ 55.6440, 63.7213,
73.6567

398.4453,
438.1825, 492.4194

■ 40.1534, 46.4250,
54.0180

■ 97.6267, 110.2095,
126.1386

■ 27.8429, 32.5813,
38.2228

124.8496,
140.1701, 159.8189

■ 18.3472, 21.8059,
25.8525

156.7139,
175.1210, 199.0168

■ 11.3007, 13.7143,
16.4885

193.5851,
215.4464, 244.1508

■ 6.3383, 7.9223,
9.7124

235.8285,
261.5310, 295.6395

■ 3.0944, 4.0452,
5.1056

283.8094,

■ 1.2039, 1.6989,

313.7589, 353.9015

2.2495

337.8932,
372.5146, 419.3553

■ 0.1094, 0.4229,
0.7027

■ 0.0000, 0.0000,
0.0000

■ 55.6440, 63.7213,
73.6567

■ 55.6440, 63.7213,
73.6567

■ 50.9255, 61.2994,
73.0343

■ 61.1501, 66.5526,
74.3201

■ 46.9528, 59.2603,
72.4470

■ 67.4722, 69.8027,
75.0219

■ 43.6889, 57.5865,
71.8943

■ 74.6439, 73.4908,
75.7648

■ 41.0911, 56.2562,
71.3743

■ 78.3746, 75.4050,
76.3483

■ 39.1123, 55.2448,
70.8847

■ 78.4532, 75.4365,
76.7623

■ 37.6992, 54.5251,
70.4231

■ 78.5321, 75.4680,
77.1778

■ 36.7896, 54.0649,
69.9865

■ 78.6113, 75.4997,
77.5949

■ 36.3034, 53.8230,
69.5712

■ 78.6908, 75.5315,
78.0134

■ 36.1883, 53.7665,
69.4353

■ 78.7705, 75.5634,
78.4334

Harmonies

Analogous

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



55.5934, 63.7213, 65.8260



55.6440, 63.7213, 73.6567



56.9868, 63.7213, 80.8355

Triad

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



55.6440, 63.7213, 73.6567



64.4426, 63.7213, 80.3728



61.8374, 63.7213, 55.7411

Complementary

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



55.6440, 63.7213, 73.6567



52.9829, 50.5794, 50.6891

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.



64.2903, 63.7213, 59.0643



55.6440, 63.7213, 73.6567



65.8248, 63.7213, 73.0631

Square

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



55.6440, 63.7213, 73.6567



62.0401, 63.7213, 84.9082



65.7683, 63.7213, 65.2753



59.1139, 63.7213, 55.8736

Rectangle

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



55.6440, 63.7213, 73.6567



58.4578, 63.7213, 84.1126



65.7683, 63.7213, 65.2753



62.7226, 63.7213, 56.4796

Sweetspot

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



55.6458, 63.7239, 73.6581



90.4567, 97.6387, 108.3868



51.8990, 62.2576, 52.4627



19.2285, 20.8304, 23.1841



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.



55.6458, 63.7239, 73.6581



78.4839, 91.4862, 106.9352



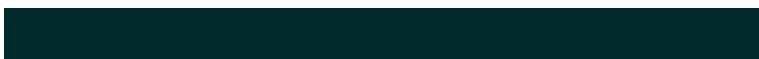
51.6884, 55.6022, 72.9768



12.7766, 14.1016, 15.9038



21.4259, 31.8257, 41.1338



1.2971, 1.9215, 2.5064

Inverse Universe

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



52.9829, 50.5794, 50.6891



73.9032, 68.8739, 67.4230



56.4802, 57.7382, 51.3489



12.4371, 12.4264, 12.9762



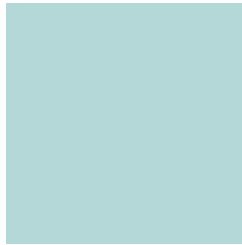
16.7880, 8.6515, 0.9217



1.0176, 0.5238, 0.0822

Previews

White Background



This preview shows how the XYZ color 55.6440, 63.7213, 73.6567 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 55.6440, 63.7213, 73.6567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

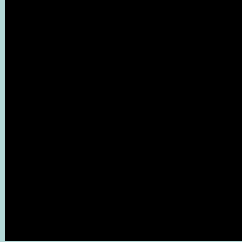
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6440, 63.7213, 73.6567

Background



This preview shows how black text looks on a background with the XYZ color 55.6440, 63.7213, 73.6567.



This preview shows how white text looks on a background with the XYZ color 55.6440, 63.7213,

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

55.6440, 63.7213, 73.6567

Protanopia

61.0971, 63.2758, 69.9661

Deuteranopia

64.5159, 63.1503, 75.1185



Tritanopia

57.9988, 63.9299, 84.8842

Trichromacy



Original Color

55.6440, 63.7213, 73.6567

Protanomaly

58.7497, 63.1260, 71.3755

Deuteranomaly

60.8496, 63.0453, 74.6075

Tritanomaly

57.1824, 63.9822, 80.5701

Monochromacy



Original Color

55.6440, 63.7213, 73.6567

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.0740, 61.9401, 69.2691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6440, 63.7213, 73.6567 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(180, 216, 215)` looks like.

```
.text, #text, p{  
    color:rgb(180, 216, 215)  
}
```

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(180, 216, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 216, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.6440, 63.7213, 73.6567 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(180, 216, 215) }
```


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

```
.border{ border-color:rgb(180, 216, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 216, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 216, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 216, 215);  
box-shadow:4px 4px 4px 4px rgb(180, 216,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6440, 63.7213, 73.6567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 216, 215) }
```

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

```
.background{ background-color: rgb(180,  
216, 215) }
```

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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