

Converting Colors

XYZ(55.7385, 63.6793, 77.7602)

Have a look what the booklet for
XYZ(55.7385, 63.6793, 77.7602)
contains.

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Color

**XYZ(55.7385, 63.6793,
77.7602)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D8DD
RGB	177, 216, 221
RGB Percent	69%, 85%, 87%
CMY	0.3059, 0.1529, 0.1333
CMYK	0.20, 0.02, 0.00, 0.13
HSL	187°, 39%, 78%
HSV	187°, 20%, 87%
XYZ	55.7385, 63.6793, 77.7602
YIQ	204.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

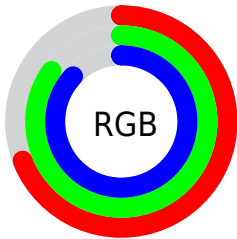
Format	Color
RYB	177, 198, 221
Decimal	11655389
CIELab	83.80, -11.65, -6.70
CIELCh	84, 13.444, 209.912
Yxy	63.6793, 0.2827, 0.3230
Android (android.graphics.Color)	4289845469 (0xFFB1D8DD)
YUV	204.9090, 7.9329, -24.4762
Hunter-Lab	79.7993, -14.9695, -1.9154

Details

The XYZ color **55.7385, 63.6793, 77.7602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4832, 52.0026, 48.7622**, and the grayscale version is **57.9345, 60.9516, 66.3763**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **27.9400, 32.5280, 40.8823** is the 20% darker color. If you saturate the color by 10%, you get **50.4690, 60.0170, 77.3321**, and if you desaturate by 10%, it is **61.8368, 67.7867, 78.2326**.

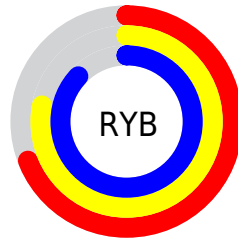
Distribution



Red (69%)

Green (85%)

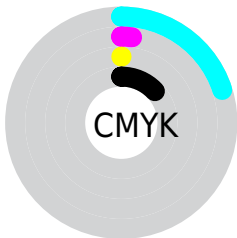
Blue (87%)



Red (69%)

Yellow (78%)

Blue (87%)

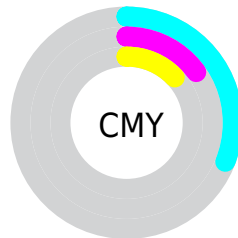


Cyan (20%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (31%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7385, 63.6793, 77.7602 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 55.7385, 63.6793, 77.7602 by changing the saturation by 10% instead.

■ 55.7385, 63.6793,
77.7602

■ 55.7385, 63.6793,
77.7602

398.7963,
438.0306, 506.8584

■ 40.2295, 46.3910,
57.3617

■ 97.7642, 110.1489,
131.9948

■ 27.9025, 32.5545,
40.8844

125.0115,
140.0991, 166.6680

■ 18.3923, 21.7854,
27.9098

156.9024,
175.0386, 206.9366

■ 11.3334, 13.6993,
18.0192

193.8020,
215.3518, 253.2191

■ 6.3605, 7.9118,
10.7942

236.0759,
261.4233, 305.9339

■ 3.1082, 4.0386,
5.8162

284.0893,

■ 1.2112, 1.6952,

313.6373, 365.4997

2.6667

338.2077,
372.3783, 432.3350

■ 0.1152, 0.4205,
0.9266

■ 0.0000, 0.0000,
0.0000

■ 55.7385, 63.6793,
77.7602

■ 55.7385, 63.6793,
77.7602

■ 50.4690, 60.0170,
77.3321

■ 61.8368, 67.7867,
78.2326

■ 45.9834, 56.7718,
76.9421

■ 68.7948, 72.3503,
78.7468

■ 42.2412, 53.9242,
76.5897

■ 76.6488, 77.3905,
79.3057

■ 39.1958, 51.4502,
76.2727

■ 81.4997, 80.8974,
79.7269

36.7955, 49.3231,
75.9886

82.1875, 82.2728,
79.9561

34.9811, 47.5123,
75.7347

82.8853, 83.6684,
80.1887

33.6824, 45.9816,
75.5077

83.5931, 85.0841,
80.4247

32.7767, 44.6676,
75.3018

84.3111, 86.5200,
80.6640

32.7691, 44.6560,
75.3000

85.0392, 87.9762,
80.9067

Harmonies

Analogous

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



55.0260, 63.6793, 69.3110



55.7385, 63.6793, 77.7602



57.7247, 63.6793, 84.3702

Triad

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



55.7385, 63.6793, 77.7602



65.5693, 63.6793, 77.8068



60.5340, 63.6793, 54.3207

Complementary

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



55.7385, 63.6793, 77.7602



54.4832, 52.0026, 48.7622

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.



63.4150, 63.6793, 56.2030



55.7385, 63.6793, 77.7602



66.3792, 63.6793, 69.3609

Square

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



55.7385, 63.6793, 77.7602



63.3994, 63.6793, 84.3986



65.5785, 63.6793, 61.5432



57.7393, 63.6793, 56.1813

Rectangle

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



55.7385, 63.6793, 77.7602



59.5367, 63.6793, 86.5991



65.5785, 63.6793, 61.5432



61.5247, 63.6793, 54.5345

Sweetspot

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



55.7404, 63.6819, 77.7616



89.0916, 96.1091, 108.4630



52.3707, 64.4138, 53.6058



18.9362, 20.4837, 23.2057



0.0000, 0.0000, 0.0000



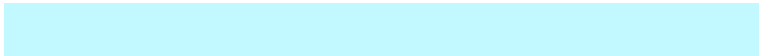
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.7404, 63.6819, 77.7616



73.8294, 85.8280, 107.2830



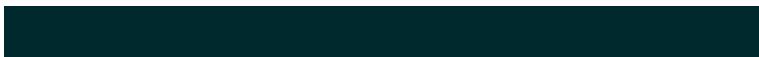
50.6095, 53.4201, 76.0513



13.3120, 14.5638, 16.7616



19.0888, 26.0470, 43.7599



1.2733, 1.7608, 2.8472

Inverse Universe

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



57.9371, 51.7758, 71.9088



77.4382, 66.5350, 97.6081



59.2063, 61.4488, 50.3366



13.5474, 13.2480, 16.1436



23.1305, 11.2532, 31.3968



1.5170, 0.7364, 2.1315

Previews

White Background



This preview shows how the XYZ color 55.7385, 63.6793, 77.7602 looks on a white background.

Color Contrast Check

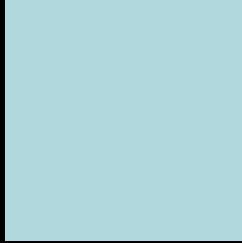
Large Text (above 18pt) WCAG AA × Fail

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 55.7385, 63.6793, 77.7602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

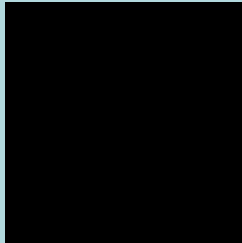
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7385, 63.6793, 77.7602

Background



This preview shows how black text looks on a background with the XYZ color 55.7385, 63.6793, 77.7602.



This preview shows how white text looks on a background with the XYZ color 55.7385, 63.6793,

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

55.7385, 63.6793, 77.7602

Protanopia

61.2858, 63.2852, 73.9509

Deuteranopia

64.6993, 63.1525, 79.3006



Tritanopia

57.0608, 63.4464, 84.8403

Trichromacy



Original Color

55.7385, 63.6793, 77.7602

Protanomaly

58.9902, 63.1609, 75.4118

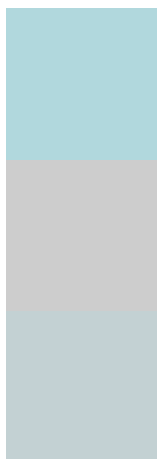
Deuteranomaly

61.0857, 63.0752, 78.7672

Tritanomaly

56.5257, 63.6119, 81.9722

Monochromacy



Original Color

55.7385, 63.6793, 77.7602

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.0640, 61.9062, 70.5695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7385, 63.6793, 77.7602 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(177, 216, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 216, 221) }
```

Border

The CSS property to change the border of an element to XYZ 55.7385, 63.6793, 77.7602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

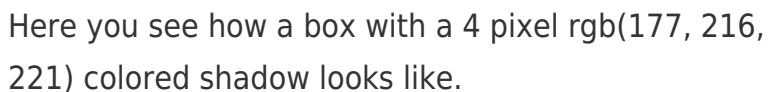
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 216, 221) }
```


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

```
.border{ border-color:rgb(177, 216, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 216, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 216, 221); box-shadow:4px 4px 4px 4px rgb(177, 216, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7385, 63.6793, 77.7602 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, 221) }
```

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

```
.background{ background-color: rgb(177,  
216, 221) }
```

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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