

Converting Colors

XYZ(55.7595, 64.4089, 80.0143)

Have a look what the booklet for
XYZ(55.7595, 64.4089, 80.0143)
contains.

XYZ(55.7595, 64.4089, 80.0143)	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(55.7595, 64.4089,
80.0143)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDAE0
RGB	173, 218, 224
RGB Percent	68%, 85%, 88%
CMY	0.3216, 0.1451, 0.1216
CMYK	0.23, 0.03, 0.00, 0.12
HSL	187°, 45%, 78%
HSV	187°, 23%, 88%
XYZ	55.7595, 64.4089, 80.0143
YIQ	205.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

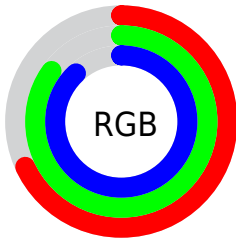
Format	Color
RYB	173, 197, 224
Decimal	11393760
CIELab	84.18, -13.24, -7.76
CIELCh	84, 15.344, 210.381
Yxy	64.4089, 0.2785, 0.3218
Android (android.graphics.Color)	4289583840 (0xFFADDAE0)
YUV	205.2290, 9.2541, -28.2648
Hunter-Lab	80.2552, -16.4287, -2.9335

Details

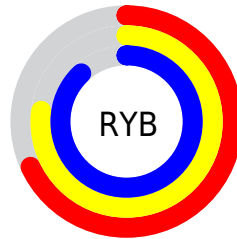
The XYZ color **55.7595, 64.4089, 80.0143** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4039, 51.1047, 46.5331**, and the grayscale version is **58.1316, 61.1590, 66.6021**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **27.8664, 32.9809, 42.4334** is the 20% darker color. If you saturate the color by 10%, you get **50.5384, 60.7130, 79.5772**, and if you desaturate by 10%, it is **61.8257, 68.5599, 80.4969**.

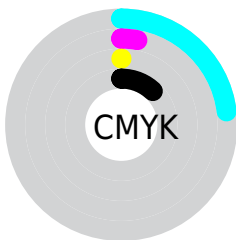
Distribution



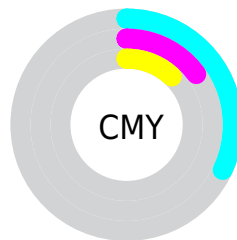
- Red (68%)
- Green (85%)
- Blue (88%)



- Red (68%)
- Yellow (77%)
- Blue (88%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7595, 64.4089, 80.0143 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 55.7595, 64.4089, 80.0143 by changing the saturation by 10% instead.

■ 55.7595, 64.4089,
80.0143

■ 55.7595, 64.4089,
80.0143

398.8743,
440.6648, 514.6891

■ 40.2464, 46.9819,
59.2039

■ 97.7947, 111.1996,
135.1974

■ 27.9158, 33.0214,
42.3562

125.0475,
141.3321, 170.4072

■ 18.4023, 22.1428,
29.0526

156.9442,
176.4687, 211.2539

■ 11.3406, 13.9619,
18.8747

193.8502,
216.9936, 258.1559

■ 6.3654, 8.0942,
11.4039

236.1309,
263.2912, 311.5319

■ 3.1113, 4.1553,
6.2216

284.1515,

■ 1.2129, 1.7608,

315.7460, 371.8004

2.9093

338.2775,
374.7424, 439.3800

■ 0.1165, 0.4626,
1.0485

■ 0.0000, 0.0000,
0.0000

■ 55.7595, 64.4089,
80.0143

■ 55.7595, 64.4089,
80.0143

■ 50.5384, 60.7130,
79.5772

■ 61.8257, 68.5599,
80.4969

■ 46.1152, 57.4428,
79.1791

■ 68.7697, 73.1780,
81.0222

■ 42.4470, 54.5777,
78.8194

■ 76.6297, 78.2846,
81.5936

■ 39.4840, 52.0922,
78.4958

■ 82.5871, 82.4266,
82.0792

37.1710, 49.9575,
78.2057

83.3196, 83.8915,
82.3233

35.4440, 48.1406,
77.9460

84.0631, 85.3786,
82.5712

34.2258, 46.6018,
77.7132

84.8178, 86.8880,
82.8227

33.5715, 45.6153,
77.5573

85.5837, 88.4198,
83.0780

86.3608, 89.9741,
83.3371

Harmonies

Analogous

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



54.9218, 64.4089, 70.2548



55.7595, 64.4089, 80.0143



58.0496, 64.4089, 87.6660

Triad

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



55.7595, 64.4089, 80.0143



67.0693, 64.4089, 79.7793



61.1753, 64.4089, 53.0513

Complementary

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



55.7595, 64.4089, 80.0143



54.4039, 51.1047, 46.5331

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.



64.5011, 64.4089, 55.1044



55.7595, 64.4089, 80.0143



67.9795, 64.4089, 70.0060

Square

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



55.7595, 64.4089, 80.0143



64.5791, 64.4089, 87.5217



67.0231, 64.4089, 61.0958



57.9770, 64.4089, 55.2104

Rectangle

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



55.7595, 64.4089, 80.0143



60.1347, 64.4089, 90.2195



67.0231, 64.4089, 61.0958



62.3157, 64.4089, 53.2694

Sweetspot

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



55.7614, 64.4115, 80.0158



88.1192, 95.4384, 108.3848



52.0220, 65.4493, 52.5136



18.7393, 20.3468, 23.1896



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.



55.7614, 64.4115, 80.0158



71.5676, 84.1407, 107.0765



49.6599, 52.2085, 77.9819



13.9718, 15.2827, 17.6011



19.5962, 26.6620, 45.1618



1.3978, 1.9270, 3.1435

Inverse Universe

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



58.3404, 50.7977, 73.0628



75.6042, 63.1505, 96.1225



59.9844, 62.2656, 48.3933



14.2220, 13.9064, 16.9391



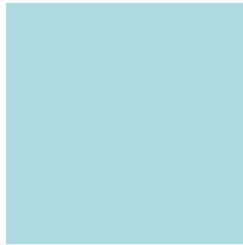
23.8315, 11.5996, 32.1079



1.6718, 0.8120, 2.3304

Previews

White Background



This preview shows how the XYZ color 55.7595, 64.4089, 80.0143 looks on a white background.

Color Contrast Check

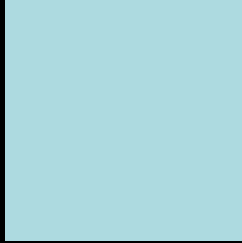
Large Text (above 18pt) WCAG AA × Fail

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 55.7595, 64.4089, 80.0143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

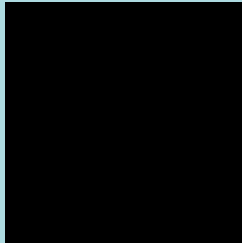
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7595, 64.4089, 80.0143

Background



This preview shows how black text looks on a background with the XYZ color 55.7595, 64.4089, 80.0143.



This preview shows how white text looks on a background with the XYZ color 55.7595, 64.4089,

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

55.7595, 64.4089, 80.0143

Protanopia

62.0747, 64.0226, 75.4156

Deuteranopia

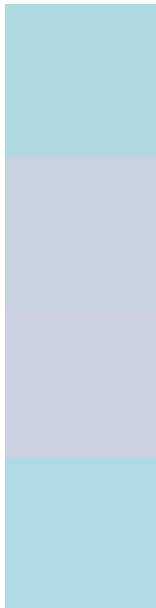
65.5822, 64.2614, 81.6202



Tritanopia

57.0863, 64.1662, 87.2184

Trichromacy



Original Color

55.7595, 64.4089, 80.0143

Protanomaly

59.4877, 64.1246, 76.9521

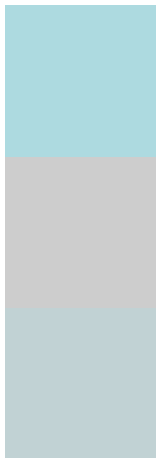
Deuteranomaly

61.4298, 63.9293, 81.0534

Tritanomaly

56.5513, 64.3376, 84.3007

Monochromacy



Original Color

55.7595, 64.4089, 80.0143

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.9226, 62.1841, 71.2899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7595, 64.4089, 80.0143 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(173, 218, 224)` looks like.

```
.text, #text, p{  
    color:rgb(173, 218, 224)  
}
```

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(173, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 218, 224) }
```

Border

The CSS property to change the border of an element to XYZ 55.7595, 64.4089, 80.0143 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(173, 218, 224) }
```


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

```
.border{ border-color:rgb(173, 218, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 218, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(173, 218,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7595, 64.4089, 80.0143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 218, 224) }
```

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

```
.background{ background-color: rgb(173,  
218, 224) }
```

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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