

Converting Colors

XYZ(55.4281, 64.0469, 94.5117)

Have a look what the booklet for
XYZ(55.4281, 64.0469, 94.5117)
contains.

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Color

**XYZ(55.3496, 63.8830,
94.2074)**

Conversions

Conversions Part 1

Format	Color
Hex	9EDAF3
RGB	158, 218, 243
RGB Percent	62%, 85%, 95%
CMY	0.3804, 0.1451, 0.0471
CMYK	0.35, 0.10, 0.00, 0.05
HSL	198°, 78%, 79%
HSV	198°, 35%, 95%
XYZ	55.3496, 63.8830, 94.2074
YIQ	202.9100, -43.7850, -4.9450

Conversions

Conversions Part 2

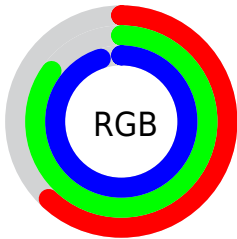
Format	Color
R _{YB}	158, 193, 243
Decimal	10410739
CIE Lab	83.90, -13.09, -18.33
CIE LCh	84, 22.521, 234.472
Yxy	63.8830, 0.2593, 0.2993
Android (android.graphics.Color)	4288600819 (0xFF9EDAF3)
YUV	202.9100, 19.7644, -39.3861
Hunter-Lab	79.9268, -16.2601, -13.9346

Details

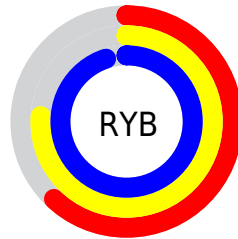
The XYZ color **55.3496, 63.8830, 94.2074** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.0682, 55.3910, 39.8750**, and the grayscale version is **56.6095, 59.5576, 64.8582**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **27.6604, 32.6658, 51.8610** is the 20% darker color. If you saturate the color by 10%, you get **49.2211, 58.0329, 93.4023**, and if you desaturate by 10%, it is **62.5070, 70.3851, 95.0863**.

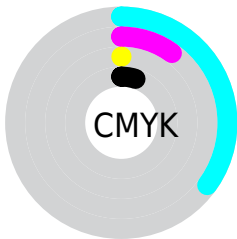
Distribution



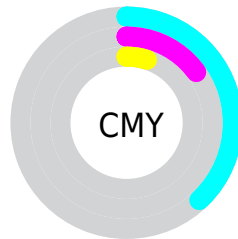
- Red (62%)
- Green (85%)
- Blue (95%)



- Red (62%)
- Yellow (76%)
- Blue (95%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3496, 63.8830, 94.2074 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 55.3496, 63.8830, 94.2074 by changing the saturation by 10% instead.

■ 55.3496, 63.8830,
94.2074

■ 55.3496, 63.8830,
94.2074

397.3507,
438.7670, 562.5438

■ 39.9166, 46.5559,
70.8822

■ 97.1983, 110.4424,
155.1553

■ 27.6575, 32.6847,
51.7649

■ 124.3448,
140.4435, 193.6151

■ 18.2068, 21.8850,
36.4367

156.1265,
175.4381, 237.9568

■ 11.1991, 13.7725,
24.4793

192.9088,
215.8106, 288.5991

■ 6.2692, 7.9626,
15.4741

235.0570,
261.9453, 345.9604

■ 3.0517, 4.0710,
9.0025

282.9364,

■ 1.1811, 1.7134,

314.2267, 410.4592

4.6460

336.9126,
373.0391, 482.5142

■ 0.0914, 0.4323,
1.9860

■ 0.0000, 0.0000,
0.5466

■ 55.3496, 63.8830,
94.2074

■ 55.3496, 63.8830,
94.2074

■ 49.2211, 58.0329,
93.4023

■ 62.5070, 70.3851,
95.0863

■ 44.0585, 52.7965,
92.6637

■ 70.7398, 77.5602,
96.0373

■ 39.8010, 48.1423,
91.9897

■ 80.0984, 85.4372,
97.0645

■ 36.3779, 44.0323,
91.3768

■ 90.5534, 94.0022,
98.1667

■ 33.7067, 40.4225,
90.8209

■ 92.7762, 98.4477,
98.9076

■ 31.6866, 37.2594,
90.3168

■ 93.1779, 99.2511,
99.0415

■ 30.8423, 35.7999,
90.0796

Harmonies

Analogous

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



52.4545, 63.8830, 81.4825



55.3496, 63.8830, 94.2074



59.8057, 63.8830, 100.4007

Triad

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



55.3496, 63.8830, 94.2074



70.7030, 63.8830, 72.2194



56.8575, 63.8830, 47.5637

Complementary

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



55.3496, 63.8830, 94.2074



60.0682, 55.3910, 39.8750

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.



61.6413, 63.8830, 45.7826



55.3496, 63.8830, 94.2074



69.8087, 63.8830, 58.8571

Square

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



55.3496, 63.8830, 94.2074



68.8063, 63.8830, 86.6469



66.4246, 63.8830, 49.6331



53.2914, 63.8830, 54.8776

Rectangle

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



55.3496, 63.8830, 94.2074



63.1307, 63.8830, 99.4602



66.4246, 63.8830, 49.6331



58.3692, 63.8830, 46.3438

Sweetspot

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



55.3516, 63.8855, 94.2089



83.9369, 90.7885, 107.7077



54.6047, 74.7524, 55.8534



17.6540, 19.1693, 23.0195



0.0000, 0.0000, 0.0000



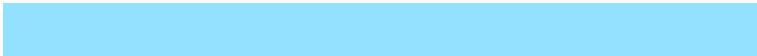
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3516, 63.8855, 94.2089



56.7668, 66.5509, 104.4614



45.8869, 44.9562, 91.0540



16.5611, 17.8865, 21.1221



17.0496, 19.8930, 49.4791



1.5873, 1.9259, 4.3783

Inverse Universe

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



61.8455, 48.5720, 72.4482



65.2014, 47.7633, 75.9506



69.9477, 75.1501, 43.1682



16.9938, 16.6804, 19.7139



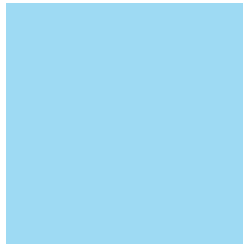
24.4104, 12.1076, 22.6671



2.1902, 1.0821, 2.2282

Previews

White Background



This preview shows how the XYZ color 55.3496, 63.8830, 94.2074 looks on a white background.

Color Contrast Check

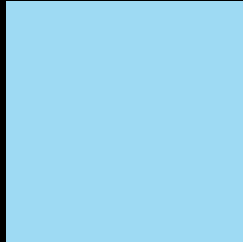
Large Text (above 18pt) WCAG AA × Fail

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 55.3496, 63.8830, 94.2074 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 55.3496, 63.8830, 94.2074

Background



This preview shows how black text looks on a background with the XYZ color 55.3496, 63.8830, 94.2074.



This preview shows how white text looks on a background with the XYZ color 55.3496, 63.8830,

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

55.3496, 63.8830, 94.2074

Protanopia

62.3550, 63.5191, 88.3308

Deuteranopia

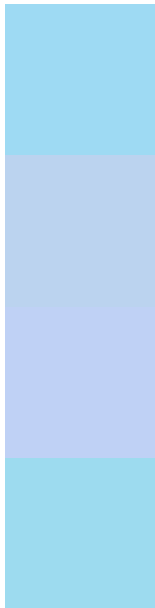
64.8058, 63.5412, 96.0378



Tritanopia

54.3279, 63.8454, 89.5808

Trichromacy



Original Color

55.3496, 63.8830, 94.2074

Protanomaly

59.3678, 63.3853, 90.7669

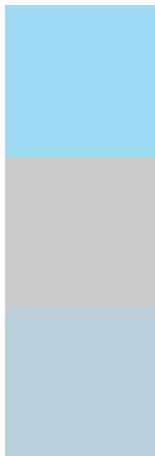
Deuteranomaly

60.7678, 63.2699, 95.3957

Tritanomaly

54.8161, 64.0631, 91.1377

Monochromacy



Original Color

55.3496, 63.8830, 94.2074

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.7043, 60.7385, 75.1174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3496, 63.8830, 94.2074 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(158, 218, 243)` looks like.

```
.text, #text, p{  
    color:rgb(158, 218, 243)  
}
```

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(158, 218, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 218, 243) }
```

Border

The CSS property to change the border of an element to XYZ 55.3496, 63.8830, 94.2074 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(158, 218, 243) }
```


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

```
.border{ border-color:rgb(158, 218, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 218, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 218, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 218, 243);  
box-shadow:4px 4px 4px 4px rgb(158, 218,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3496, 63.8830, 94.2074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 218, 243) }
```

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

```
.background{ background-color: rgb(158,  
218, 243) }
```

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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