

Converting Colors

XYZ(55.1559, 67.0127, 94.8229)

Have a look what the booklet for
XYZ(55.1559, 67.0127, 94.8229)
contains.

XYZ(55.0511, 66.8835, 94.8023)	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(55.0511, 66.8835,
94.8023)**

Conversions

Conversions Part 1

Format	Color
Hex	91E2F3
RGB	145, 226, 243
RGB Percent	57%, 89%, 95%
CMY	0.4314, 0.1137, 0.0471
CMYK	0.40, 0.07, 0.00, 0.05
HSL	190°, 80%, 76%
HSV	190°, 40%, 95%
XYZ	55.0511, 66.8835, 94.8023
YIQ	203.7190, -53.7330, -11.8850

Conversions

Conversions Part 2

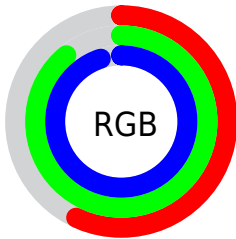
Format	Color
R_{YB}	145, 189, 243
Decimal	9560819
CIE _{Lab}	85.45, -20.48, -16.07
CIE _{LCh}	85, 26.032, 218.127
Yxy	66.8835, 0.2540, 0.3086
Android (android.graphics.Color)	4287750899 (0xFF91E2F3)
YUV	203.7190, 19.3655, -51.4966
Hunter-Lab	81.7823, -22.9633, -11.4815

Details

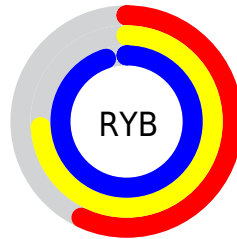
The XYZ color **55.0511, 66.8835, 94.8023** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9946, 46.9409, 32.9519**, and the grayscale version is **57.1249, 60.0998, 65.4487**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **27.5571, 34.7884, 52.2761** is the 20% darker color. If you saturate the color by 10%, you get **50.0869, 62.6453, 94.2471**, and if you desaturate by 10%, it is **60.9632, 71.6554, 95.4129**.

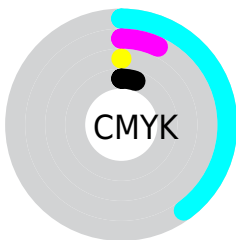
Distribution



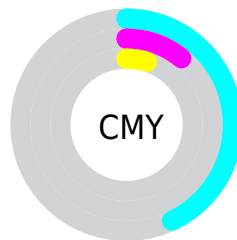
- Red (57%)
- Green (89%)
- Blue (95%)



- Red (57%)
- Yellow (74%)
- Blue (95%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (43%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0511, 66.8835, 94.8023 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 55.0511, 66.8835, 94.8023 by changing the saturation by 10% instead.

■ 55.0511, 66.8835,
94.8023

■ 55.0511, 66.8835,
94.8023

396.2389,
449.5300, 564.5000

■ 39.6766, 48.9900,
71.3745

■ 96.7637, 114.7535,
155.9847

■ 27.4696, 34.6115,
52.1641

■ 123.8326,
145.4987, 194.5763

■ 18.0646, 23.3638,
36.7528

155.5303,
181.2966, 239.0596

■ 11.0964, 14.8623,
24.7218

192.2222,
222.5315, 289.8531

■ 6.1995, 8.7228,
15.6528

234.2736,
269.5879, 347.3753

■ 3.0086, 4.5608,
9.1271

282.0500,

■ 1.1583, 1.9920,

322.8502, 412.0449

4.7262

335.9166,
382.7028, 484.2803

■ 0.0730, 0.6028,
2.0316

■ 0.0000, 0.0000,
0.5746

■ 55.0511, 66.8835,
94.8023

■ 55.0511, 66.8835,
94.8023

■ 50.0869, 62.6453,
94.2471

■ 60.9632, 71.6554,
95.4129

■ 46.0055, 58.9021,
93.7397

■ 67.8712, 76.9811,
96.0768

■ 42.7428, 55.6223,
93.2786

■ 75.8266, 82.8893,
96.7979

■ 40.2235, 52.7665,
92.8601

■ 84.8760, 89.4041,
97.5784

■ 38.3573, 50.2882,
92.4801

■ 90.7026, 94.3005,
98.2164

■ 37.0302, 48.1758,
92.1423

■ 92.0067, 96.9088,
98.6512

■ 93.1779, 99.2512,
99.0416

Harmonies

Analogous

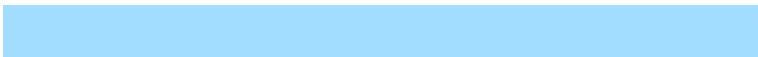
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.9803, 66.8835, 77.5192



55.0511, 66.8835, 94.8023



59.4341, 66.8835, 107.3605

Triad

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



55.0511, 66.8835, 94.8023



74.7002, 66.8835, 85.6227



61.9791, 66.8835, 45.1447

Complementary

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



55.0511, 66.8835, 94.8023



54.9946, 46.9409, 32.9519

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.



67.8951, 66.8835, 46.6249



55.0511, 66.8835, 94.8023



75.4860, 66.8835, 68.3238

Square

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



55.0511, 66.8835, 94.8023



70.8416, 66.8835, 101.5153



72.9270, 66.8835, 54.5369



56.8152, 66.8835, 50.1238

Rectangle

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



55.0511, 66.8835, 94.8023



63.2005, 66.8835, 110.3982



72.9270, 66.8835, 54.5369



63.9425, 66.8835, 44.9202

Sweetspot

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



55.0531, 66.8861, 94.8039



83.0047, 91.3115, 107.8578



50.1917, 72.7073, 45.2630



17.5088, 19.3547, 23.0630



0.0000, 0.0000, 0.0000



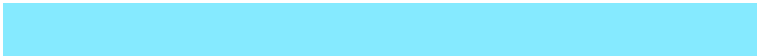
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0531, 66.8861, 94.8039



57.0171, 70.8886, 105.2855



43.7106, 44.2010, 91.0230



16.7379, 18.2400, 21.1811



20.4117, 26.6173, 50.5999



1.8569, 2.4653, 4.4682

Inverse Universe

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



60.8167, 44.7984, 77.3958



64.3911, 43.8530, 82.7392



65.2034, 67.3586, 36.3549



17.0830, 16.7161, 20.1837



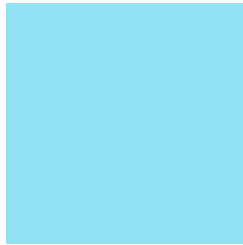
26.1074, 12.7864, 31.6037



2.3264, 1.1365, 2.9450

Previews

White Background



This preview shows how the XYZ color 55.0511, 66.8835, 94.8023 looks on a white background.

Color Contrast Check

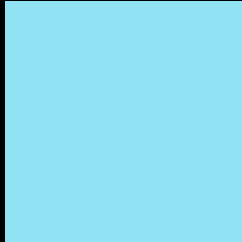
Large Text (above 18pt) WCAG AA × Fail

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 55.0511, 66.8835, 94.8023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

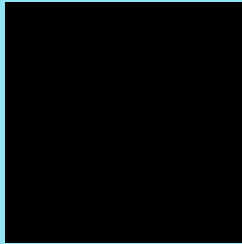
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0511, 66.8835, 94.8023

Background



This preview shows how black text looks on a background with the XYZ color 55.0511, 66.8835, 94.8023.

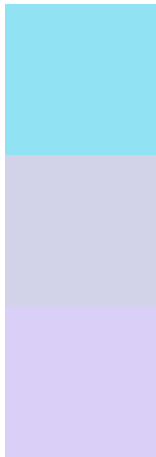


This preview shows how white text looks on a background with the XYZ color 55.0511, 66.8835,

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

55.0511, 66.8835, 94.8023

Protanopia

64.5806, 66.1734, 86.4598

Deuteranopia

67.7166, 66.0928, 97.1838



Tritanopia

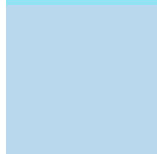
55.2025, 66.9441, 95.6000

Trichromacy



Original Color

55.0511, 66.8835, 94.8023



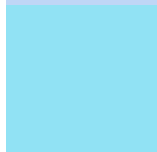
Protanomaly

60.0916, 65.6653, 89.6283



Deuteranomaly

62.1670, 65.8233, 96.6174



Tritanomaly

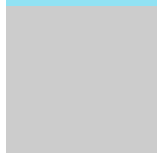
55.2025, 66.9441, 95.6000

Monochromacy



Original Color

55.0511, 66.8835, 94.8023



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.7268, 62.2162, 75.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0511, 66.8835, 94.8023 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(145, 226, 243)` looks like.

```
.text, #text, p{  
    color:rgb(145, 226, 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(145, 226, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 226, 243) }
```

Border

The CSS property to change the border of an element to XYZ 55.0511, 66.8835, 94.8023 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(145, 226, 243) }
```


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

```
.border{ border-color:rgb(145, 226, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 226, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 226, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 226, 243);  
box-shadow:4px 4px 4px 4px rgb(145, 226,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0511, 66.8835, 94.8023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 226, 243) }
```

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

```
.background{ background-color: rgb(145,  
226, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor