

Converting Colors

XYZ(54.8873, 69.6625, 95.0709)

Have a look what the booklet for
XYZ(54.8873, 69.6625, 95.0709)
contains.

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Color

**XYZ(54.9894, 69.7354,
95.3561)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 85E9F3 |
| RGB | 133, 233, 243 |
| RGB Percent | 52%, 91%, 95% |
| CMY | 0.4784, 0.0863, 0.0471 |
| CMYK | 0.45, 0.04, 0.00, 0.05 |
| HSL | 185°, 82%, 74% |
| HSV | 185°, 45%, 95% |
| XYZ | 54.9894, 69.7354, 95.3561 |
| YIQ | 204.2400, -62.8100, -18.0900 |

Conversions

Conversions Part 2

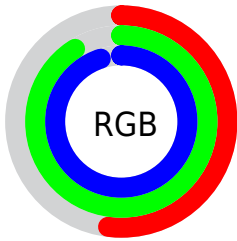
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 133, 185, 243 |
| Decimal | 8776179 |
| CIE _{Lab} | 86.87, -26.76, -13.99 |
| CIE _{LCh} | 87, 30.199, 207.602 |
| Yxy | 69.7354, 0.2499, 0.3169 |
| Android (android.graphics.Color) | 4286966259 (0xFF85E9F3) |
| YUV | 204.2400, 19.1087, -62.4775 |
| Hunter-Lab | 83.5077, -28.5972, -9.2469 |

Details

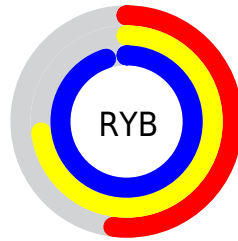
The XYZ color **54.9894, 69.7354, 95.3561** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.0195, 40.3942, 27.2998**, and the grayscale version is **57.4594, 60.4518, 65.8320**.

A 20% lighter version of the original color is **75.5482, 89.9465, 107.9873**, and **27.4394, 36.4486, 52.6028** is the 20% darker color. If you saturate the color by 10%, you get **50.9669, 66.7409, 94.9913**, and if you desaturate by 10%, it is **59.9113, 73.2084, 95.7683**.

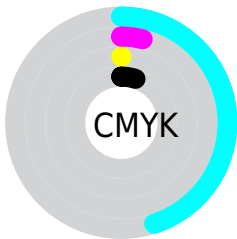
Distribution



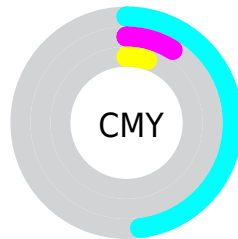
- Red (52%)
- Green (91%)
- Blue (95%)



- Red (52%)
- Yellow (73%)
- Blue (95%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)





- Cyan (48%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9894, 69.7354, 95.3561 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 54.9894, 69.7354, 95.3561 by changing the saturation by 10% instead.


 54.9894, 69.7354,
95.3561


 54.9894, 69.7354,
95.3561


396.0088,
459.6204, 566.3178


 39.6270, 51.3109,
71.8329


 96.6738, 118.8313,
156.7563

 27.4308, 36.4561,
52.5362


 123.7266,
150.2715, 195.4703

 18.0353, 24.7866,
37.0474


 155.4069,
186.8190, 240.0850

 11.0752, 15.9182,
24.9481

192.0801,
228.8583, 291.0190

 6.1851, 9.4663,
15.8198

234.1116,
276.7736, 348.6907

 2.9997, 5.0465,
9.2437

281.8666,

 1.1536, 2.2746,

330.9495, 413.5187

4.8015

335.7105,
391.7703, 485.9216

■ 0.0692, 0.7602,
2.0746

■ 0.0000, 0.0000,
0.6006

■ 54.9894, 69.7354,
95.3561

■ 54.9894, 69.7354,
95.3561

■ 50.9669, 66.7409,
94.9913

■ 59.9113, 73.2084,
95.7683

■ 47.7754, 64.1848,
94.6662

■ 65.7824, 77.1808,
96.2256

■ 45.3469, 62.0335,
94.3789

■ 72.6564, 81.6819,
96.7321

■ 43.5998, 60.2450,
94.1258

■ 80.5811, 86.7363,
97.2900

■ 42.4335, 58.7674,
93.9021

■ 89.6011, 92.3673,
97.9015

■ 42.0119, 58.1391,
93.8030

■ 90.4516, 93.7985,
98.1329

■ 91.1283, 95.1520,
98.3585

■ 91.8131, 96.5215,
98.5867

■ 92.5059, 97.9072,
98.8177

Harmonies

Analogous

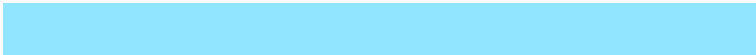
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.6500, 69.7354, 74.3187



54.9894, 69.7354, 95.3561



59.2866, 69.7354, 113.6136

Triad

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



54.9894, 69.7354, 95.3561



78.3868, 69.7354, 98.6655



66.8497, 69.7354, 43.3961

Complementary

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



54.9894, 69.7354, 95.3561



51.0195, 40.3942, 27.2998

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.



73.8058, 69.7354, 47.6632



54.9894, 69.7354, 95.3561



80.7545, 69.7354, 77.5644

Square

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



54.9894, 69.7354, 95.3561



72.7565, 69.7354, 115.7499



79.0222, 69.7354, 59.3395



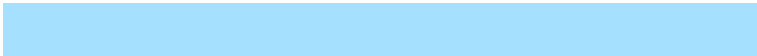
60.2024, 69.7354, 46.4834

Rectangle

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



54.9894, 69.7354, 95.3561



63.4160, 69.7354, 120.4615



79.0222, 69.7354, 59.3395



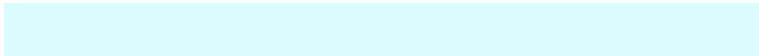
69.2319, 69.7354, 43.9984

Sweetspot

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



54.9915, 69.7381, 95.3577



82.0873, 91.7938, 107.9992



46.6200, 71.0472, 36.9149



17.1874, 19.4006, 23.0888



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.



54.9915, 69.7381, 95.3577



57.3230, 74.8157, 106.0274



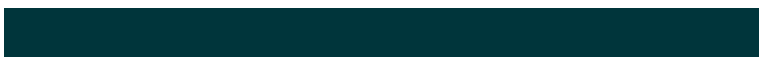
41.9389, 43.6329, 91.0069



16.8604, 18.4851, 21.2219



23.1098, 32.0134, 51.4992



2.0681, 2.8876, 4.5386

Inverse Universe

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



60.0594, 41.7147, 81.9800



63.7362, 40.4926, 88.8428



61.2014, 60.7581, 30.6938



17.1449, 16.7408, 20.5094



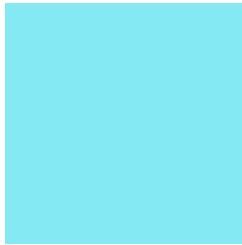
27.4693, 13.3311, 38.7751



2.4329, 1.1791, 3.5062

Previews

White Background



This preview shows how the XYZ color 54.9894, 69.7354, 95.3561 looks on a white background.

Color Contrast Check

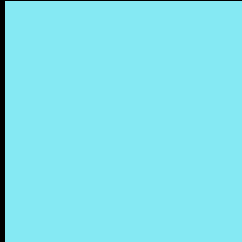
Large Text (above 18pt) WCAG AA × Fail

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 54.9894, 69.7354, 95.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

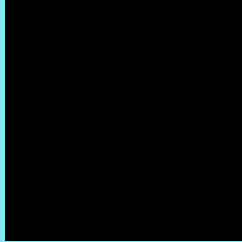
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9894, 69.7354, 95.3561

Background



This preview shows how black text looks on a background with the XYZ color 54.9894, 69.7354, 95.3561.

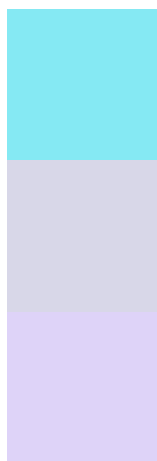


This preview shows how white text looks on a background with the XYZ color 54.9894, 69.7354,

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

54.9894, 69.7354, 95.3561

Protanopia

67.1848, 69.0260, 86.1263

Deuteranopia

70.3617, 68.8954, 98.3966



Tritanopia

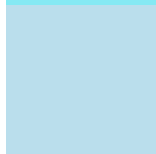
56.2609, 69.8292, 101.7799

Trichromacy



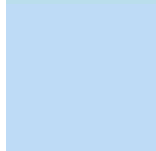
Original Color

54.9894, 69.7354, 95.3561



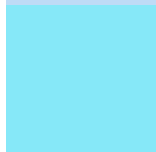
Protanomaly

61.5113, 68.7378, 89.3826



Deuteranomaly

63.2013, 68.2640, 97.0340



Tritanomaly

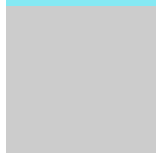
55.6314, 69.5589, 99.3011

Monochromacy



Original Color

54.9894, 69.7354, 95.3561



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.3154, 63.1278, 75.5991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9894, 69.7354, 95.3561 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(133, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(133, 233, 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(133, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 233, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.9894, 69.7354, 95.3561 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(133, 233, 243) }
```


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

```
.border{ border-color:rgb(133, 233, 243) }
```

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

Here you see how a box with a 4 pixel rgb(133, 233, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(133, 233,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9894, 69.7354, 95.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 233, 243) }
```

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

```
.background{ background-color: rgb(133,  
233, 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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