

Converting Colors

XYZ(54.4067, 69.0506, 93.6797)

Have a look what the booklet for
XYZ(54.4067, 69.0506, 93.6797)
contains.

XYZ(54.4067, 69.0506, 93.6797)	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(54.4067, 69.0506,
93.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	85E8F1
RGB	133, 232, 241
RGB Percent	52%, 91%, 95%
CMY	0.4784, 0.0902, 0.0549
CMYK	0.45, 0.04, 0.00, 0.05
HSL	185°, 79%, 73%
HSV	185°, 45%, 95%
XYZ	54.4067, 69.0506, 93.6797
YIQ	203.4250, -61.8930, -18.1890

Conversions

Conversions Part 2

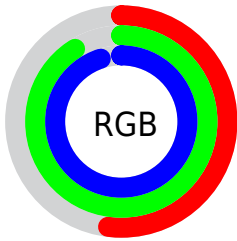
Format	Color
R_{YB}	133, 185, 241
Decimal	8775921
CIE _{Lab}	86.53, -26.78, -13.45
CIE _{LCh}	87, 29.969, 206.659
Yxy	69.0506, 0.2506, 0.3180
Android (android.graphics.Color)	4286966001 (0xFF85E8F1)
YUV	203.4250, 18.5245, -61.7627
Hunter-Lab	83.0967, -28.5482, -8.6734

Details

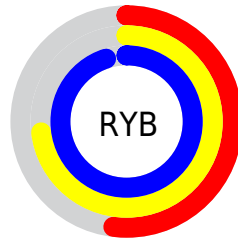
The XYZ color **54.4067, 69.0506, 93.6797** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.1836, 39.7416, 27.2181**, and the grayscale version is **56.9487, 59.9145, 65.2469**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **27.0299, 35.9699, 51.4172** is the 20% darker color. If you saturate the color by 10%, you get **50.4681, 66.1875, 93.3359**, and if you desaturate by 10%, it is **59.2288, 72.3820, 94.0698**.

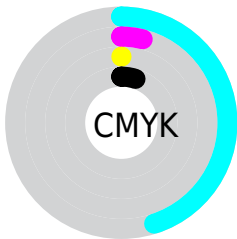
Distribution



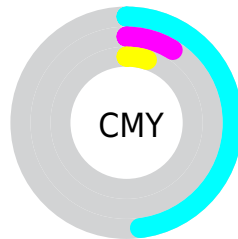
- Red (52%)
- Green (91%)
- Blue (95%)



- 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 54.4067, 69.0506, 93.6797 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 54.4067, 69.0506, 93.6797 by changing the saturation by 10% instead.

54.4067, 69.0506,
93.6797

54.4067, 69.0506,
93.6797

393.8321,
457.2094, 560.8055

39.1589, 50.7529,
70.4458

95.8245, 117.8538,
154.4191

27.0646, 36.0120,
51.4110

122.7252,
149.1282, 192.7617

17.7586, 24.4435,
36.1568

154.2410,
185.4969, 236.9776

10.8754, 15.6629,
24.2647

190.7370,
227.3443, 287.4853

6.0498, 9.2859,
15.3161

232.5788,
275.0549, 344.7035

2.9163, 4.9282,
8.8924

280.1317,

1.1097, 2.2052,

329.0130, 409.0505

4.5752

333.7610,
389.6031, 480.9450

■ 0.0332, 0.7228,
1.9459

■ 0.0000, 0.0000,
0.5217

■ 54.4067, 69.0506,
93.6797

■ 54.4067, 69.0506,
93.6797

■ 50.4681, 66.1875,
93.3359

■ 59.2288, 72.3820,
94.0698

■ 47.3461, 63.7533,
93.0306

■ 64.9828, 76.2018,
94.5038

■ 44.9747, 61.7155,
92.7622

■ 71.7213, 80.5388,
94.9858

■ 43.2744, 60.0333,
92.5271

■ 79.4907, 85.4169,
95.5179

■ 42.1479, 58.6563,
92.3207

■ 88.3350, 90.8588,
96.1021

■ 41.7133, 58.0228,
92.2213

■ 89.4836, 92.3433,
96.3281

■ 90.0912, 93.5586,
96.5306

■ 90.7055, 94.7871,
96.7354

■ 91.3264, 96.0289,
96.9424

Harmonies

Analogous

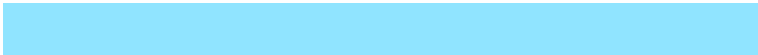
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.1834, 69.0506, 72.9781



54.4067, 69.0506, 93.6797



58.5623, 69.0506, 111.8676

Triad

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



54.4067, 69.0506, 93.6797



77.4287, 69.0506, 98.2199



66.4116, 69.0506, 43.1070

Complementary

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



54.4067, 69.0506, 93.6797



50.1836, 39.7416, 27.2181

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.



73.2458, 69.0506, 47.5500



54.4067, 69.0506, 93.6797



79.8824, 69.0506, 77.4346

Square

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



54.4067, 69.0506, 93.6797



71.8054, 69.0506, 114.7968



78.3006, 69.0506, 59.2992



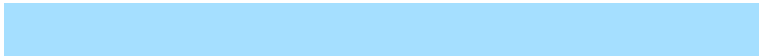
59.8202, 69.0506, 45.9271

Rectangle

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



54.4067, 69.0506, 93.6797



62.5977, 69.0506, 118.8661



78.3006, 69.0506, 59.2992



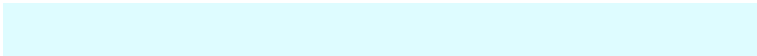
68.7597, 69.0506, 43.7777

Sweetspot

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



54.4088, 69.0533, 93.6813



83.0135, 92.4963, 108.0860



45.8782, 69.7980, 35.9446



17.3742, 19.5481, 23.1074



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.



54.4088, 69.0533, 93.6813



57.6351, 75.4400, 106.1314



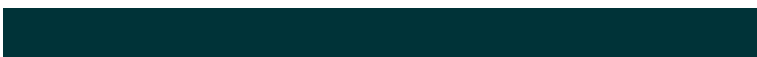
41.8328, 43.9012, 89.4893



16.1282, 17.6904, 20.2862



22.6685, 31.5613, 50.0250



1.9188, 2.6915, 4.1726

Inverse Universe

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



59.2304, 41.3040, 81.1974



63.8937, 40.5556, 89.6726



59.8472, 59.0687, 30.4393



16.3941, 16.0074, 19.6317



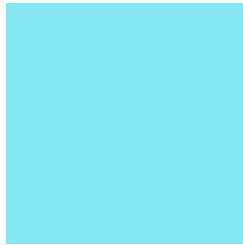
26.7676, 12.9795, 38.2885



2.2435, 1.0864, 3.2729

Previews

White Background



This preview shows how the XYZ color 54.4067, 69.0506, 93.6797 looks on a white background.

Color Contrast Check

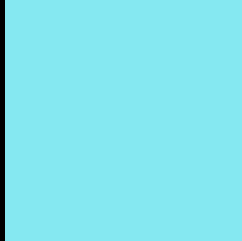
Large Text (above 18pt) WCAG AA × Fail

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 54.4067, 69.0506, 93.6797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

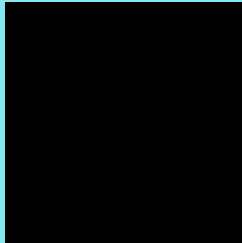
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4067, 69.0506, 93.6797

Background



This preview shows how black text looks on a background with the XYZ color 54.4067, 69.0506, 93.6797.

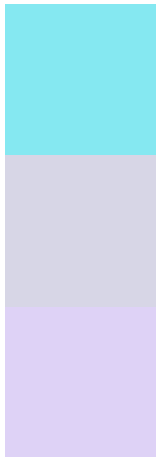


This preview shows how white text looks on a background with the XYZ color 54.4067, 69.0506,

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

54.4067, 69.0506, 93.6797

Protanopia

66.3538, 68.2534, 84.5399

Deuteranopia

69.8053, 68.2766, 96.6883



Tritanopia

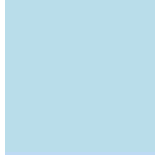
55.8281, 69.2256, 100.0420

Trichromacy



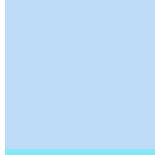
Original Color

54.4067, 69.0506, 93.6797



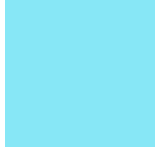
Protanomaly

60.7153, 67.9677, 87.7609



Deuteranomaly

62.6357, 67.6216, 95.3390



Tritanomaly

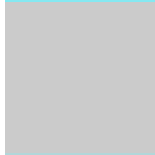
55.2021, 68.9565, 97.5893

Monochromacy



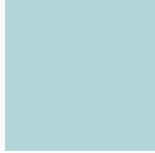
Original Color

54.4067, 69.0506, 93.6797



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.9310, 62.5679, 74.8273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4067, 69.0506, 93.6797 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, 232, 241)` looks like.

```
.text, #text, p{  
    color:rgb(133, 232, 241)  
}
```

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, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 232, 241) }
```

Border

The CSS property to change the border of an element to XYZ 54.4067, 69.0506, 93.6797 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, 232, 241) }
```


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

```
.border{ border-color:rgb(133, 232, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 232, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(133, 232,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4067, 69.0506, 93.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 232, 241) }
```

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

```
.background{ background-color: rgb(133,  
232, 241) }
```

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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