

Converting Colors

XYZ(54.6416, 70.3839, 96.2935)

Have a look what the booklet for
XYZ(54.6416, 70.3839, 96.2935)
contains.

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Color

**XYZ(54.6416, 70.3839,
96.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	7EEBF4
RGB	126, 235, 244
RGB Percent	49%, 92%, 96%
CMY	0.5059, 0.0784, 0.0431
CMYK	0.48, 0.04, 0.00, 0.04
HSL	185°, 84%, 73%
HSV	185°, 48%, 96%
XYZ	54.6416, 70.3839, 96.2935
YIQ	203.4350, -67.8530, -20.3090

Conversions

Conversions Part 2

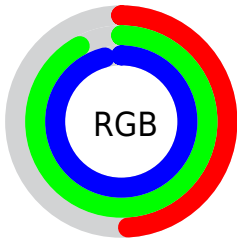
Format	Color
R _Y B	126, 183, 244
Decimal	8317940
CIE Lab	87.18, -29.01, -14.07
CIE LCh	87, 32.244, 205.870
Yxy	70.3839, 0.2469, 0.3180
Android (android.graphics.Color)	4286508020 (0xFF7EEBF4)
YUV	203.4350, 19.9985, -67.9105
Hunter-Lab	83.8951, -30.5579, -9.3256

Details

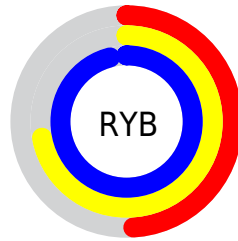
The XYZ color **54.6416, 70.3839, 96.2935** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.7394, 38.0686, 24.4668**, and the grayscale version is **56.9487, 59.9145, 65.2469**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **27.2471, 36.9278, 53.2687** is the 20% darker color. If you saturate the color by 10%, you get **50.9437, 67.6924, 95.9701**, and if you desaturate by 10%, it is **59.2267, 73.5442, 96.6631**.

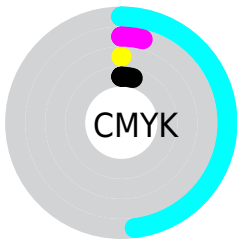
Distribution



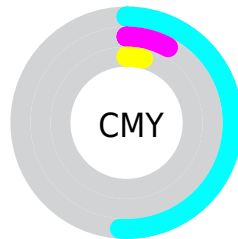
- Red (49%)
- Green (92%)
- Blue (96%)



- Red (49%)
- Yellow (72%)
- Blue (96%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)





- Cyan (51%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6416, 70.3839, 96.2935 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 54.6416, 70.3839, 96.2935 by changing the saturation by 10% instead.


 54.6416, 70.3839,
96.2935


 54.6416, 70.3839,
96.2935


394.7105,
461.8968, 569.3875


 39.3476, 51.8396,
72.6092

 96.1670, 119.7561,
158.0613

 27.2121, 36.8772,
53.1666


 123.1291,
151.3527, 196.9820

 17.8700, 25.1124,
37.5471


 154.7113,
188.0688, 241.8184

 10.9558, 16.1608,
25.3323

191.2789,
230.2890, 292.9893

 6.1042, 9.6380,
16.1035

233.1972,
278.3974, 350.9131

 2.9498, 5.1596,
9.4423

280.8317,

 1.1273, 2.3412,

332.7786, 416.0084

4.9301

334.5477,
393.8169, 488.6937

■ 0.0478, 0.7954,
2.1483

■ 0.0000, 0.0000,
0.6443

■ 54.6416, 70.3839,
96.2935

■ 54.6416, 70.3839,
96.2935

■ 50.9437, 67.6924,
95.9701

■ 59.2267, 73.5442,
96.6631

■ 48.0616, 65.4282,
95.6850

■ 64.7510, 77.1953,
97.0767

■ 45.9235, 63.5558,
95.4363

■ 71.2699, 81.3676,
97.5384

■ 44.4423, 62.0301,
95.2199

■ 78.8329, 86.0864,
98.0506

■ 43.4945, 60.7877,
95.0300

■ 87.4860, 91.3755,
98.6154

■ 43.3616, 60.5962,
95.0001

■ 90.5761, 93.8053,
98.9216

■ 91.1454, 94.9439,
99.1113

■ 91.7204, 96.0939,
99.3030

■ 92.3011, 97.2553,
99.4966

Harmonies

Analogous

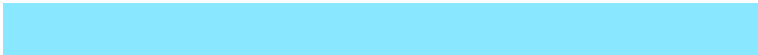
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.4099, 70.3839, 73.6742



54.6416, 70.3839, 96.2935



59.0619, 70.3839, 116.5622

Triad

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



54.6416, 70.3839, 96.2935



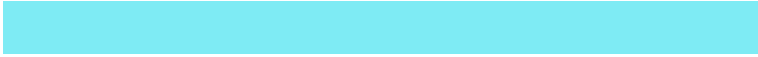
79.6788, 70.3839, 102.4735



67.9511, 70.3839, 42.1354

Complementary

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



54.6416, 70.3839, 96.2935



49.7394, 38.0686, 24.4668

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.



75.3978, 70.3839, 47.0597



54.6416, 70.3839, 96.2935



82.4843, 70.3839, 79.6764

Square

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



54.6416, 70.3839, 96.2935



73.4492, 70.3839, 120.5763



80.8620, 70.3839, 59.8544



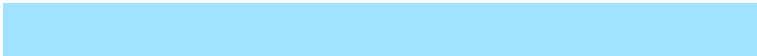
60.7480, 70.3839, 44.9248

Rectangle

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



54.6416, 70.3839, 96.2935



63.4084, 70.3839, 124.5629



80.8620, 70.3839, 59.8544



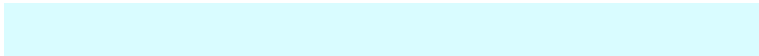
70.5129, 70.3839, 42.9137

Sweetspot

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



54.6437, 70.3866, 96.2952



81.4276, 91.6066, 107.9979



45.2502, 70.8560, 33.7989



17.0653, 19.3793, 23.0911



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.



54.6437, 70.3866, 96.2952



56.3925, 74.8862, 106.0900



40.6835, 42.4661, 91.6417



16.8823, 18.5288, 21.2292



23.6229, 33.0396, 51.6702



2.1078, 2.9670, 4.5518

Inverse Universe

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



59.7662, 40.1548, 83.2008



62.7951, 38.3110, 89.4519



60.1162, 58.8222, 27.9257



17.1559, 16.7452, 20.5675



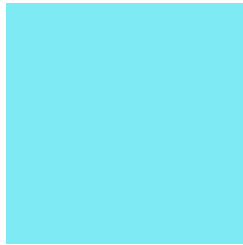
27.7283, 13.4347, 40.1389



2.4530, 1.1872, 3.6118

Previews

White Background



This preview shows how the XYZ color 54.6416, 70.3839, 96.2935 looks on a white background.

Color Contrast Check

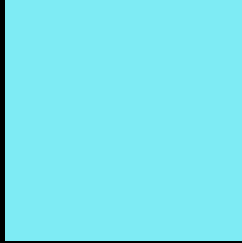
Large Text (above 18pt) WCAG AA × Fail

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 54.6416, 70.3839, 96.2935 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 54.6416, 70.3839, 96.2935

Background



This preview shows how black text looks on a background with the XYZ color 54.6416, 70.3839, 96.2935.

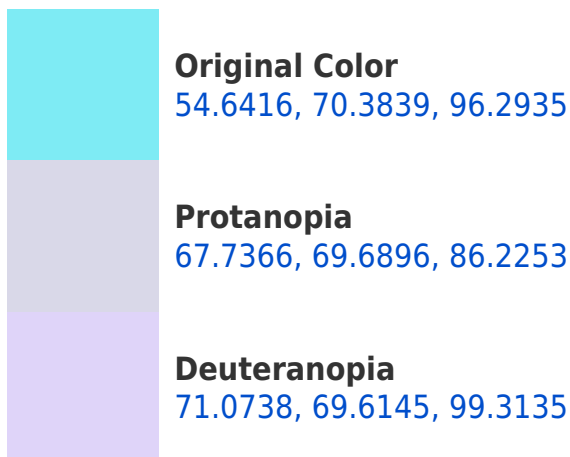


This preview shows how white text looks on a background with the XYZ color 54.6416, 70.3839,

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





Tritanopia

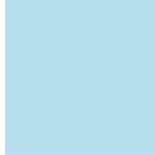
56.2057, 70.6046, 103.5942

Trichromacy



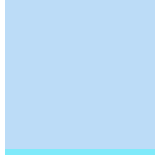
Original Color

54.6416, 70.3839, 96.2935



Protanomaly

61.2952, 69.0218, 89.4488



Deuteranomaly

63.1207, 68.5932, 97.9087



Tritanomaly

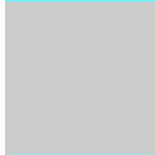
55.5802, 70.3370, 101.0895

Monochromacy



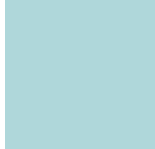
Original Color

54.6416, 70.3839, 96.2935



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.6345, 62.7768, 75.5673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6416, 70.3839, 96.2935 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(126, 235, 244)` looks like.

```
.text, #text, p{  
    color:rgb(126, 235, 244)  
}
```

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(126, 235, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 235, 244) }
```

Border

The CSS property to change the border of an element to XYZ 54.6416, 70.3839, 96.2935 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(126, 235, 244) }
```


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

```
.border{ border-color:rgb(126, 235, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 235, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 235, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 235, 244); box-shadow:4px 4px 4px 4px rgb(126, 235, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6416, 70.3839, 96.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 235, 244) }
```

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

```
.background{ background-color: rgb(126,  
235, 244) }
```

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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