

Converting Colors

XYZ(53.0963, 69.1907, 99.4698)

Have a look what the booklet for
XYZ(53.0963, 69.1907, 99.4698)
contains.

XYZ(53.0482, 69.0677, 99.3424)	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(53.0482, 69.0677,
99.3424)**

Conversions

Conversions Part 1

Format	Color
Hex	70EAF8
RGB	112, 234, 248
RGB Percent	44%, 92%, 97%
CMY	0.5608, 0.0823, 0.0274
CMYK	0.55, 0.06, 0.00, 0.03
HSL	186°, 91%, 71%
HSV	186°, 55%, 97%
XYZ	53.0482, 69.0677, 99.3424
YIQ	199.1180, -77.2060, -21.5100

Conversions

Conversions Part 2

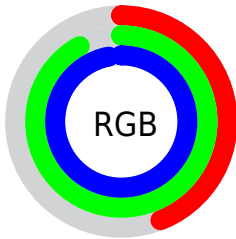
Format	Color
RYB	112, 176, 248
Decimal	7400184
CIELab	86.54, -30.30, -17.19
CIElCh	87, 34.840, 209.564
Yxy	69.0677, 0.2395, 0.3119
Android (android.graphics.Color)	4285590264 (0xFF70EAF8)
YUV	199.1180, 24.0988, -76.4025
Hunter-Lab	83.1070, -31.4985, -12.6978

Details

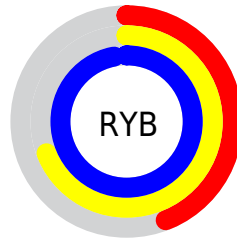
The XYZ color **53.0482, 69.0677, 99.3424** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **49.0984, 36.0496, 19.7017**, and the grayscale version is **54.2514, 57.0767, 62.1565**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **26.2715, 36.0779, 55.4482** is the 20% darker color. If you saturate the color by 10%, you get **49.5956, 66.2182, 98.9756**, and if you desaturate by 10%, it is **57.3843, 72.3912, 99.7566**.

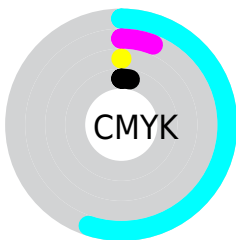
Distribution



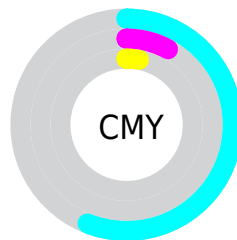
- Red (44%)
- Green (92%)
- Blue (97%)



- Red (44%)
- Yellow (69%)
- Blue (97%)



- Cyan (55%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (56%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0482, 69.0677, 99.3424 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 53.0482, 69.0677, 99.3424 by changing the saturation by 10% instead.

53.0482, 69.0677,
99.3424

53.0482, 69.0677,
99.3424

388.7279,
457.2697, 579.3109

38.0689, 50.7668,
75.1376

93.8404, 117.8783,
162.2972

26.2136, 36.0231,
55.2232

120.3840,
149.1568, 201.8843

17.1170, 24.4520,
39.1807

151.5131,
185.5299, 247.4359

10.4138, 15.6693,
26.5914

187.5929,
227.3822, 299.3706

5.7385, 9.2904,
17.0369

228.9890,
275.0979, 358.1069

2.7259, 4.9311,
10.0985

276.0666,

1.0105, 2.2069,

329.0614, 424.0634

5.3579

329.1911,
389.6573, 497.6586

■ 0.0000, 0.7237,
2.3964

■ 0.0000, 0.0000,
0.7845

■ 53.0482, 69.0677,
99.3424

■ 53.0482, 69.0677,
99.3424

■ 49.5956, 66.2182,
98.9756

■ 57.3843, 72.3912,
99.7566

■ 46.9469, 63.7971,
98.6479

■ 62.6625, 76.2145,
100.2164

■ 45.0189, 61.7629,
98.3569

■ 68.9438, 80.5706,
100.7261

■ 43.7067, 60.0616,
98.0977

■ 76.2821, 85.4874,
101.2884

43.1911, 59.2726,
97.9725

84.7276, 90.9907,
101.9055

92.1581, 95.9866,
102.4782

92.9538, 97.5780,
102.7434

93.7603, 99.1911,
103.0123

93.9435, 99.5574,
103.0733

Harmonies

Analogous

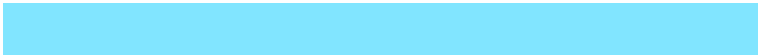
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.3142, 69.0677, 74.8655



53.0482, 69.0677, 99.3424



58.0924, 69.0677, 120.4198

Triad

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



53.0482, 69.0677, 99.3424



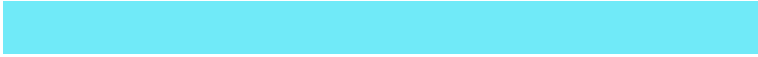
79.9624, 69.0677, 100.0489



65.7649, 69.0677, 38.9291

Complementary

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



53.0482, 69.0677, 99.3424



49.0984, 36.0496, 19.7017

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.



73.8293, 69.0677, 43.0133



53.0482, 69.0677, 99.3424



82.4267, 69.0677, 75.5415

Square

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



53.0482, 69.0677, 99.3424



73.6084, 69.0677, 120.8831



80.0971, 69.0677, 55.3297



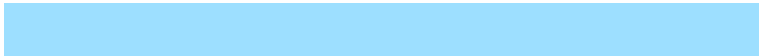
58.2810, 69.0677, 42.7808

Rectangle

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



53.0482, 69.0677, 99.3424



62.8748, 69.0677, 127.9508



80.0971, 69.0677, 55.3297



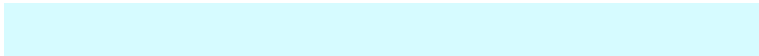
68.4991, 69.0677, 39.4043

Sweetspot

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



53.0503, 69.0703, 99.3440



80.2749, 90.4160, 107.8288



43.9913, 72.0771, 31.1994



16.8230, 19.1141, 23.0527



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.



53.0503, 69.0703, 99.3440



52.4331, 70.1930, 105.3928



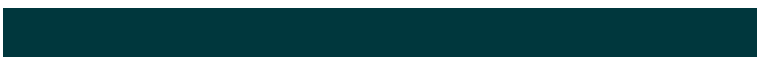
37.3364, 37.6424, 94.1061



17.6042, 19.2853, 22.1799



23.3924, 32.1403, 52.9443



2.2092, 3.0620, 4.9178

Inverse Universe

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



59.3587, 37.4873, 81.9519



60.0091, 34.1820, 84.0753



60.8406, 59.5341, 23.6158



17.9115, 17.4920, 21.3898



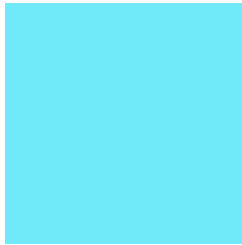
28.0994, 13.6555, 38.8275



2.6240, 1.2733, 3.7094

Previews

White Background



This preview shows how the XYZ color 53.0482, 69.0677, 99.3424 looks on a white background.

Color Contrast Check

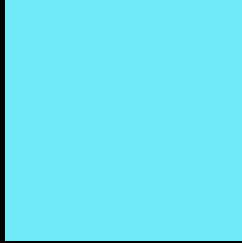
Large Text (above 18pt) WCAG AA × Fail

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 53.0482, 69.0677, 99.3424 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 53.0482, 69.0677, 99.3424

Background



This preview shows how black text looks on a background with the XYZ color 53.0482, 69.0677, 99.3424.



This preview shows how white text looks on a background with the XYZ color 53.0482, 69.0677,

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

53.0482, 69.0677, 99.3424

Protanopia

66.4825, 68.2374, 88.2644

Deuteranopia

69.6897, 68.0905, 102.3982



Tritanopia

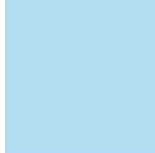
53.6490, 68.8835, 102.5637

Trichromacy



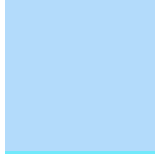
Original Color

53.0482, 69.0677, 99.3424



Protanomaly

59.4891, 67.2343, 92.2802



Deuteranomaly

61.3345, 67.2118, 101.0073



Tritanomaly

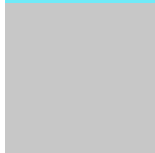
53.3616, 68.7536, 101.7251

Monochromacy



Original Color

53.0482, 69.0677, 99.3424



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.0042, 60.3122, 74.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0482, 69.0677, 99.3424 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(112, 234, 248)` looks like.

```
.text, #text, p{  
    color:rgb(112, 234, 248)  
}
```

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(112, 234, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 234, 248) }
```

Border

The CSS property to change the border of an element to XYZ 53.0482, 69.0677, 99.3424 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(112, 234, 248) }
```


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

```
.border{ border-color:rgb(112, 234, 248) }
```

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

Here you see how a box with a 4 pixel rgb(112, 234, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 234, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 234, 248);  
box-shadow:4px 4px 4px 4px rgb(112, 234,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0482, 69.0677, 99.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 234, 248) }
```

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

```
.background{ background-color: rgb(112,  
234, 248) }
```

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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