

Converting Colors

XYZ(53.9623, 71.7189,
105.6068)

Have a look what the booklet for
XYZ(53.9623, 71.7189, 105.6068)
contains.

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Color

**XYZ(53.8463, 71.4944,
105.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	61EFFF
RGB	97, 239, 255
RGB Percent	38%, 94%, 100%
CMY	0.6196, 0.0627, 0.0000
CMYK	0.62, 0.06, 0.00, 0.00
HSL	186°, 100%, 69%
HSV	186°, 62%, 100%
XYZ	53.8463, 71.4944, 105.5695
YIQ	198.3660, -89.7680, -25.1280

Conversions

Conversions Part 2

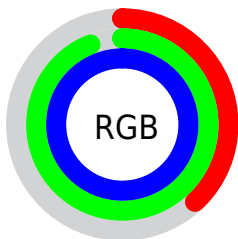
Format	Color
RYB	97, 172, 255
Decimal	6418431
CIELab	87.72, -33.37, -19.11
CIELCh	88, 38.454, 209.807
Yxy	71.4944, 0.2332, 0.3096
Android (android.graphics.Color)	4284608511 (0xFF61EFFF)
YUV	198.3660, 27.9206, -88.8980
Hunter-Lab	84.5544, -34.2969, -14.8379

Details

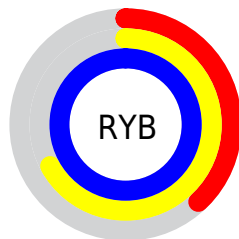
The XYZ color **53.8463, 71.4944, 105.5695** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.3038, 33.9347, 15.2629**, and the grayscale version is **53.7760, 56.5766, 61.6119**.

A 20% lighter version of the original color is **68.7103, 86.4214, 107.6673**, and **27.1265, 37.9442, 59.3203** is the 20% darker color. If you saturate the color by 10%, you get **50.8030, 68.8130, 105.2124**, and if you desaturate by 10%, it is **57.7772, 74.6526, 105.9720**.

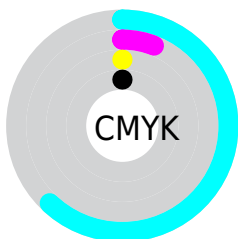
Distribution



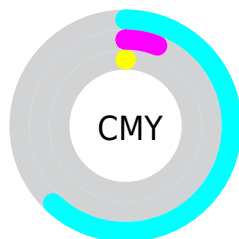
- Red (38%)
- Green (94%)
- Blue (100%)



- Red (38%)
- Yellow (67%)
- Blue (100%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8463, 71.4944, 105.5695 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 53.8463, 71.4944, 105.5695 by changing the saturation by 10% instead.

53.8463, 71.4944,
105.5695

53.8463, 71.4944,
105.5695

391.7316,
465.7799, 599.3037

38.7090, 52.7458,
80.3172

95.0067, 121.3374,
170.9085

26.7131, 37.5999,
59.4517

121.7606,
153.2006, 211.8323

17.4933, 25.6723,
42.5545

153.1173,
190.2041, 258.8171

10.6843, 16.5786,
29.2069

189.4423,
232.7323, 312.2813

5.9207, 9.9345,
18.9905

231.1008,
281.1695, 372.6435

2.8371, 5.3556,
11.4866

278.4583,

1.0682, 2.4574,

335.9003, 440.3223

6.2769

331.8801,
397.3090, 515.7362

■ 0.0000, 0.8552,
2.9427

■ 0.0000, 0.0000,
1.0654

■ 53.8463, 71.4944,
105.5695

■ 53.8463, 71.4944,
105.5695

■ 50.8030, 68.8130,
105.2124

■ 57.7772, 74.6526,
105.9720

■ 48.5544, 66.5556,
104.8952

■ 62.6654, 78.3188,
106.4220

■ 46.9971, 64.6705,
104.6134

■ 68.5805, 82.5306,
106.9232

■ 46.1196, 63.3591,
104.4065

■ 75.5837, 87.3195,
107.4784

■ 83.7315, 92.7148,
108.0904

■ 93.0766, 98.7437,
108.7615

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.8844, 71.4944, 77.6763



53.8463, 71.4944, 105.5695



59.5112, 71.4944, 129.8148

Triad

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



53.8463, 71.4944, 105.5695



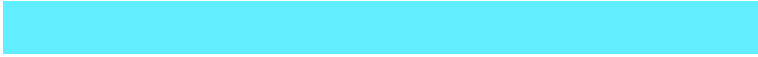
84.2630, 71.4944, 105.9287



68.0123, 71.4944, 37.6534

Complementary

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



53.8463, 71.4944, 105.5695



49.3038, 33.9347, 15.2629

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.



77.1582, 71.4944, 42.0089



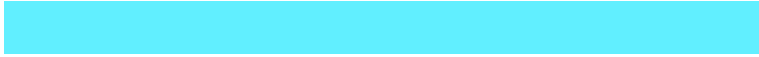
53.8463, 71.4944, 105.5695



87.0383, 71.4944, 78.0144

Square

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



53.8463, 71.4944, 105.5695



77.0470, 71.4944, 130.0527



84.3312, 71.4944, 55.4569



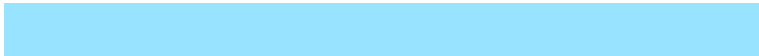
59.6049, 71.4944, 41.8969

Rectangle

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



53.8463, 71.4944, 105.5695



64.8974, 71.4944, 138.4655



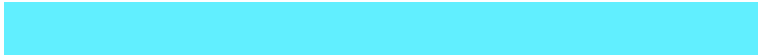
84.3312, 71.4944, 55.4569



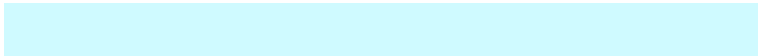
71.1036, 71.4944, 38.1437

Sweetspot

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



53.8483, 71.4970, 105.5699



77.8715, 88.8506, 107.6534



43.6606, 75.2498, 27.7897



16.1937, 18.7005, 23.0060



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.



53.8483, 71.4970, 105.5699



50.2821, 68.3188, 105.1444



35.5872, 34.9748, 99.4829



18.3885, 20.1485, 23.1698



24.1624, 33.2343, 54.5760



2.3961, 3.3229, 5.3284

Inverse Universe

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



61.0960, 36.0433, 85.4011



58.3308, 31.2416, 82.2323



62.2046, 59.7363, 19.5632



18.7087, 18.2668, 22.3493



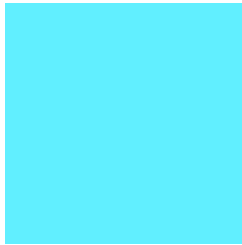
28.9842, 14.0830, 40.1631



2.8440, 1.3800, 4.0261

Previews

White Background



This preview shows how the XYZ color 53.8463, 71.4944, 105.5695 looks on a white background.

Color Contrast Check

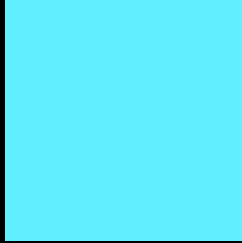
Large Text (above 18pt) WCAG AA × Fail

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 53.8463, 71.4944, 105.5695 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 53.8463, 71.4944, 105.5695

Background



This preview shows how black text looks on a background with the XYZ color 53.8463, 71.4944, 105.5695.

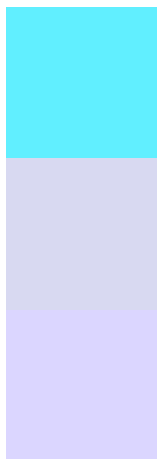


This preview shows how white text looks on a background with the XYZ color 53.8463, 71.4944,

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

53.8463, 71.4944, 105.5695

Protanopia

69.0089, 70.5755, 93.2044

Deuteranopia

71.3100, 70.3732, 104.4327



Tritanopia

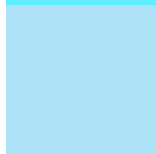
55.2736, 71.3658, 105.4695

Trichromacy



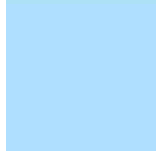
Original Color

53.8463, 71.4944, 105.5695



Protanomaly

60.7933, 69.3885, 97.3779



Deuteranomaly

62.1169, 69.1093, 104.6733



Tritanomaly

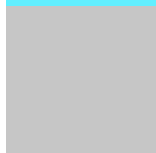
54.8089, 71.5572, 105.5309

Monochromacy



Original Color

53.8463, 71.4944, 105.5695



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.2784, 60.2800, 75.9504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8463, 71.4944, 105.5695 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(97, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(97, 239, 255)  
}
```

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(97, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8463, 71.4944, 105.5695 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(97, 239, 255) }
```


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

```
.border{ border-color:rgb(97, 239, 255) }
```

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

Here you see how a box with a 4 pixel rgb(97, 239, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(97, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8463, 71.4944, 105.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 239, 255) }
```

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

```
.background{ background-color: rgb(97, 239,  
255) }
```

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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