

Converting Colors

XYZ(53.5549, 70.8724, 96.4451)

Have a look what the booklet for
XYZ(53.5549, 70.8724, 96.4451)
contains.

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Color

**XYZ(53.4234, 70.6107,
96.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	71EDF4
RGB	113, 237, 244
RGB Percent	44%, 93%, 96%
CMY	0.5568, 0.0706, 0.0431
CMYK	0.54, 0.03, 0.00, 0.04
HSL	183°, 86%, 70%
HSV	183°, 54%, 96%
XYZ	53.4234, 70.6107, 96.4015
YIQ	200.7220, -76.1510, -24.1110

Conversions

Conversions Part 2

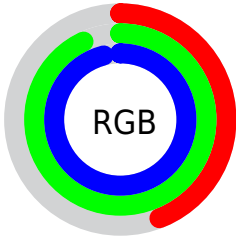
Format	Color
R _Y B	113, 177, 244
Decimal	7466484
CIE Lab	87.30, -32.60, -13.95
CIE LCh	87, 35.462, 203.165
Yxy	70.6107, 0.2424, 0.3203
Android (android.graphics.Color)	4285656564 (0xFF71EDF4)
YUV	200.7220, 21.3361, -76.9322
Hunter-Lab	84.0302, -33.5688, -9.1978

Details

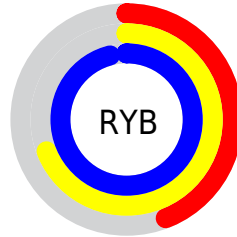
The XYZ color **53.4234, 70.6107, 96.4015** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.0068, 33.8599, 19.6828**, and the grayscale version is **55.2533, 58.1307, 63.3044**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **26.5154, 37.1500, 53.3501** is the 20% darker color. If you saturate the color by 10%, you get **50.3207, 68.4546, 96.1501**, and if you desaturate by 10%, it is **57.3768, 73.2127, 96.6966**.

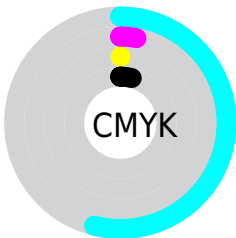
Distribution



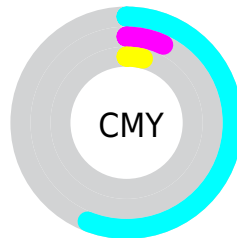
- Red (44%)
- Green (93%)
- Blue (96%)



- Red (44%)
- Yellow (69%)
- Blue (96%)



- Cyan (54%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)





- Cyan (56%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4234, 70.6107, 96.4015 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 53.4234, 70.6107, 96.4015 by changing the saturation by 10% instead.


 53.4234, 70.6107,
96.4015


 53.4234, 70.6107,
96.4015


390.1417,
462.6914, 569.7406


 38.3697, 52.0246,
72.6987


 94.3890, 120.0792,
158.2116

 26.4483, 37.0247,
53.2393

 121.0316,
151.7304, 197.1560

 17.2937, 25.2266,
37.6048


 152.2678,
188.5054, 242.0179

 10.5407, 16.2459,
25.3767

188.4631,
230.7886, 293.2160

 5.8239, 9.6984,
16.1363

229.9828,
278.9644, 351.1688

 2.7780, 5.1994,
9.4653

277.1922,

 1.0375, 2.3647,

333.4172, 416.2948

4.9450

330.4568,
394.5314, 489.0126

■ 0.0000, 0.8077,
2.1568

■ 0.0000, 0.0000,
0.6493

■ 53.4234, 70.6107,
96.4015

■ 53.4234, 70.6107,
96.4015

■ 50.3207, 68.4546,
96.1501

■ 57.3768, 73.2127,
96.6966

■ 47.9931, 66.7004,
95.9342


■ 62.2361, 76.2841,
97.0334


■ 46.3622, 65.3096,
95.7517


■ 68.0593, 79.8566,
97.4160


■ 45.3305, 64.2316,
95.5980


■ 74.8979, 83.9566,
97.8470


 44.8960, 63.6649,
95.5115

 82.7996, 88.6088,
98.3284

 90.1688, 92.9905,
98.7858

 90.5641, 93.7813,
98.9176

 90.9623, 94.5776,
99.0503

 91.3633, 95.3795,
99.1840

Harmonies

Analogous

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



52.4172, 70.6107, 71.5458



53.4234, 70.6107, 96.4015



57.9513, 70.6107, 119.8098

Triad

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



53.4234, 70.6107, 96.4015



80.7836, 70.6107, 107.8339



69.0400, 70.6107, 39.7044

Complementary

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



53.4234, 70.6107, 96.4015



47.0068, 33.8599, 19.6828

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.



77.1935, 70.6107, 45.6722



53.4234, 70.6107, 96.4015



84.3278, 70.6107, 82.4793

Square

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



53.4234, 70.6107, 96.4015



73.6213, 70.6107, 127.3076



82.9624, 70.6107, 60.1948



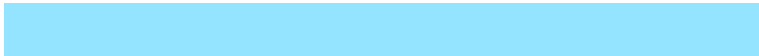
61.0007, 70.6107, 41.9176

Rectangle

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



53.4234, 70.6107, 96.4015



62.5753, 70.6107, 129.7507



82.9624, 70.6107, 60.1948



71.8656, 70.6107, 40.7706

Sweetspot

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



53.4255, 70.6134, 96.4032



80.9086, 91.6835, 108.0401



42.5254, 69.5588, 28.8134



16.9758, 19.4196, 23.1036



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.



53.4255, 70.6134, 96.4032



55.4852, 75.5680, 106.2694



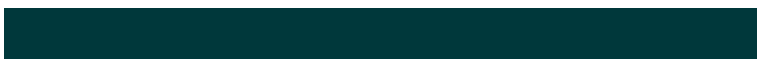
37.8841, 39.5306, 91.2227



16.9164, 18.5971, 21.2406



24.4446, 34.6829, 51.9441



2.1712, 3.0939, 4.5730

Inverse Universe

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



58.5013, 37.1598, 84.2128



61.7277, 35.5508, 91.0241



57.6500, 55.1463, 23.2306



17.1731, 16.7521, 20.6583



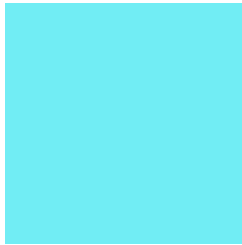
28.1430, 13.6006, 42.3229



2.4850, 1.2000, 3.7804

Previews

White Background



This preview shows how the XYZ color 53.4234, 70.6107, 96.4015 looks on a white background.

Color Contrast Check

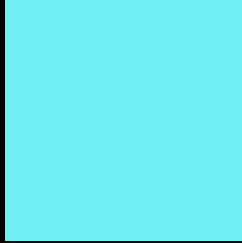
Large Text (above 18pt) WCAG AA × Fail

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 53.4234, 70.6107, 96.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

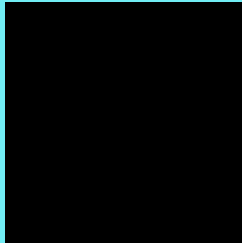
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4234, 70.6107, 96.4015

Background



This preview shows how black text looks on a background with the XYZ color 53.4234, 70.6107, 96.4015.

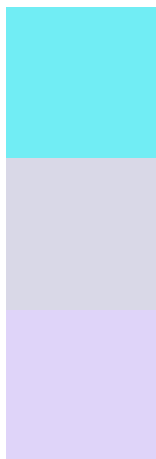


This preview shows how white text looks on a background with the XYZ color 53.4234, 70.6107,

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

53.4234, 70.6107, 96.4015

Protanopia

67.5949, 69.6330, 85.4792

Deuteranopia

71.0738, 69.6145, 99.3135



Tritanopia

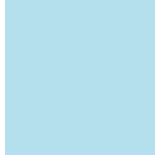
54.9338, 70.3543, 104.4504

Trichromacy



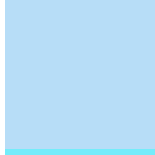
Original Color

53.4234, 70.6107, 96.4015



Protanomaly

60.3864, 68.9511, 89.4831



Deuteranomaly

62.1734, 68.4956, 97.9398



Tritanomaly

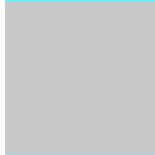
54.4532, 70.6060, 101.2008

Monochromacy



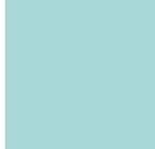
Original Color

53.4234, 70.6107, 96.4015



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

52.9331, 61.5379, 74.7338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4234, 70.6107, 96.4015 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(113, 237, 244)` looks like.

```
.text, #text, p{  
    color:rgb(113, 237, 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(113, 237, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 237, 244) }
```

Border

The CSS property to change the border of an element to XYZ 53.4234, 70.6107, 96.4015 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(113, 237, 244) }
```


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

```
.border{ border-color:rgb(113, 237, 244) }
```

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

Here you see how a box with a 4 pixel rgb(113, 237, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 237, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 237, 244);  
box-shadow:4px 4px 4px 4px rgb(113, 237,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4234, 70.6107, 96.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 237, 244) }
```

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

```
.background{ background-color: rgb(113,  
237, 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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