

Converting Colors

XYZ(53.7544, 70.1540,
105.3157)

Have a look what the booklet for
XYZ(53.7544, 70.1540, 105.3157)
contains.

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Color

**XYZ(53.7544, 70.1540,
105.3157)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 68ECFF |
| RGB | 104, 236, 255 |
| RGB Percent | 41%, 93%, 100% |
| CMY | 0.5921, 0.0745, 0.0000 |
| CMYK | 0.59, 0.07, 0.00, 0.00 |
| HSL | 188°, 100%, 70% |
| HSV | 188°, 59%, 100% |
| XYZ | 53.7544, 70.1540, 105.3157 |
| YIQ | 198.6980, -84.7710, -22.0750 |

Conversions

Conversions Part 2

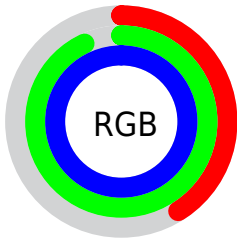
| Format | Color |
|-------------------------------------|--|
| RYB | 104, 174, 255 |
| Decimal | 6876415 |
| CIELab | 87.07, -30.79, -20.08 |
| CIELCh | 87, 36.760, 213.111 |
| Yxy | 70.1540, 0.2345, 0.3060 |
| Android (android.graphics.Color) | 4285066495 (0xFF68ECFF) |
| YUV | 198.6980, 27.7569, -83.0501 |
| Hunter-Lab | 83.7580, -32.0183, -15.9195 |

Details

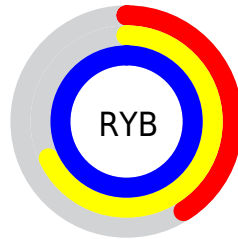
The XYZ color **53.7544, 70.1540, 105.3157** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.8226, 36.4266, 17.4512**, and the grayscale version is **53.9768, 56.7878, 61.8419**.

A 20% lighter version of the original color is **69.7463, 86.9555, 107.7158**, and **26.6659, 36.7979, 59.1233** is the 20% darker color. If you saturate the color by 10%, you get **50.3147, 67.0233, 104.8927**, and if you desaturate by 10%, it is **58.1092, 73.7841, 105.7868**.

Distribution



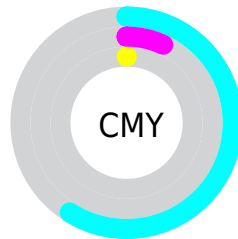
- Red (41%)
- Green (93%)
- Blue (100%)



- Red (41%)
- Yellow (68%)
- Blue (100%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7544, 70.1540, 105.3157 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 53.7544, 70.1540, 105.3157 by changing the saturation by 10% instead.

53.7544, 70.1540,
105.3157

53.7544, 70.1540,
105.3157

391.3864,
461.0905, 598.4958

38.6352, 51.6521,
80.1057

94.8725, 119.4283,
170.5585

26.6555, 36.7278,
59.2787

121.6022,
150.9696, 211.4285

17.4499, 24.9968,
42.4160

152.9328,
187.6260, 258.3555

10.6531, 16.0747,
29.0992

189.2296,
229.7821, 311.7582

5.8996, 9.5770,
18.9096

230.8580,
277.8222, 372.0550

2.8242, 5.1194,
11.4289

278.1834,

1.0615, 2.3175,

332.1307, 439.6645

6.2383

331.5711,
393.0920, 515.0053

■ 0.0000, 0.7830,
2.9194

■ 0.0000, 0.0000,
1.0536

■ 53.7544, 70.1540,
105.3157

■ 53.7544, 70.1540,
105.3157

■ 50.3147, 67.0233,
104.8927

■ 58.1092, 73.7841,
105.7868

■ 47.7007, 64.3413,
104.5128

■ 63.4464, 77.9439,
106.3084

■ 45.8151, 62.0592,
104.1716

■ 69.8336, 82.6699,
106.8840

■ 44.5085, 60.0997,
103.8623

■ 77.3309, 87.9931,
107.5163

■ 44.4159, 59.9518,
103.8386

■ 85.9935, 93.9423,
108.2081

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.



51.4803, 70.1540, 78.9875



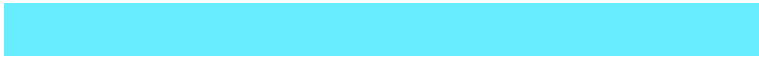
53.7544, 70.1540, 105.3157



59.4705, 70.1540, 126.9416

Triad

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



53.7544, 70.1540, 105.3157



82.5572, 70.1540, 99.8915



65.7850, 70.1540, 38.1573

Complementary

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



53.7544, 70.1540, 105.3157



50.8226, 36.4266, 17.4512

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.



74.4483, 70.1540, 41.4290



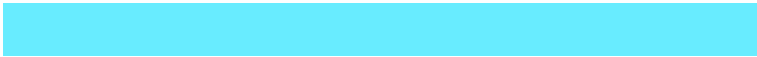
53.7544, 70.1540, 105.3157



84.6091, 70.1540, 73.8418

Square

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



53.7544, 70.1540, 105.3157



76.1355, 70.1540, 123.3662



81.5257, 70.1540, 53.3076



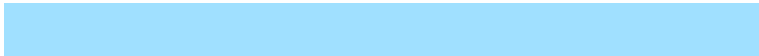
58.0404, 70.1540, 43.1637

Rectangle

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



53.7544, 70.1540, 105.3157



64.7137, 70.1540, 133.7705



81.5257, 70.1540, 53.3076



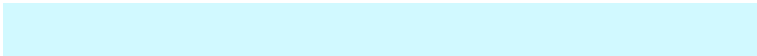
68.6842, 70.1540, 38.3290

Sweetspot

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



53.7563, 70.1565, 105.3160



78.3182, 88.6806, 107.5970



44.9594, 75.8594, 30.5630



16.2624, 18.6315, 22.9891



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.



53.7563, 70.1565, 105.3160



49.7894, 66.5122, 104.8217



36.6605, 35.9648, 99.6174



18.3484, 20.0684, 23.1565



23.2848, 31.4793, 54.2835



2.3194, 3.1695, 5.3028

Inverse Universe

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



61.3320, 37.2186, 83.3110



58.2825, 31.9897, 79.6122



63.7325, 62.2465, 21.7545



18.6885, 18.2587, 22.2428



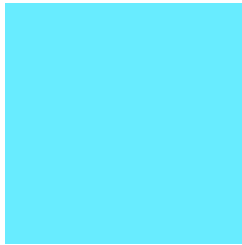
28.5413, 13.9058, 37.8306



2.8053, 1.3645, 3.8223

Previews

White Background



This preview shows how the XYZ color 53.7544, 70.1540, 105.3157 looks on a white background.

Color Contrast Check

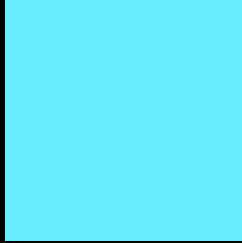
Large Text (above 18pt) WCAG AA × Fail

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 53.7544, 70.1540, 105.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

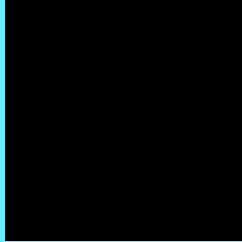
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7544, 70.1540, 105.3157

Background



This preview shows how black text looks on a background with the XYZ color 53.7544, 70.1540, 105.3157.

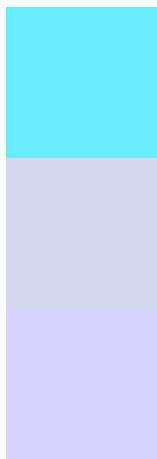


This preview shows how white text looks on a background with the XYZ color 53.7544, 70.1540,

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

53.7544, 70.1540, 105.3157

Protanopia

67.6182, 69.0979, 92.9925

Deuteranopia

69.9124, 68.9059, 104.2231



Tritanopia

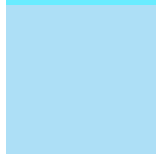
53.8712, 70.2142, 105.3211

Trichromacy



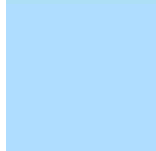
Original Color

53.7544, 70.1540, 105.3157



Protanomaly

60.2558, 68.3134, 97.1988



Deuteranomaly

61.5856, 68.0469, 104.4962



Tritanomaly

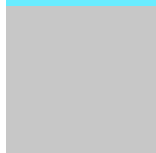
53.8712, 70.2142, 105.3211

Monochromacy



Original Color

53.7544, 70.1540, 105.3157



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.6395, 60.0940, 75.8954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7544, 70.1540, 105.3157 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(104, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(104, 236, 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(104, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7544, 70.1540, 105.3157 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(104, 236, 255) }
```


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

```
.border{ border-color:rgb(104, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(104, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7544, 70.1540, 105.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 236, 255) }
```

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

```
.background{ background-color: rgb(104,  
236, 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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