

# Converting Colors

XYZ(54.9554, 74.7359,  
105.2949)

Have a look what the booklet for  
XYZ(54.9554, 74.7359, 105.2949)  
contains.

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# Color

**XYZ(54.9554, 74.7359,  
105.2949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CF5FE
RGB	92, 245, 254
RGB Percent	36%, 96%, 100%
CMY	0.6392, 0.0392, 0.0039
CMYK	0.64, 0.04, 0.00, 0.00
HSL	183°, 99%, 68%
HSV	183°, 64%, 100%
XYZ	54.9554, 74.7359, 105.2949
YIQ	200.2790, -94.0770, -29.6370

# Conversions

## Conversions Part 2

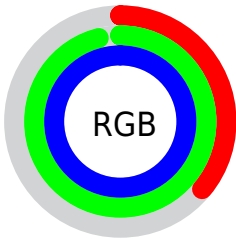
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">92, 171, 254</a>
Decimal	<a href="#">6092286</a>
CIELab	<a href="#">89.27, -37.20, -16.28</a>
CIELCh	<a href="#">89, 40.609, 203.634</a>
Yxy	<a href="#">74.7359, 0.2339, 0.3180</a>
Android (android.graphics.Color)	<a href="#">4284282366</a> ( <a href="#">0xFF5CF5FE</a> )
YUV	<a href="#">200.2790, 26.4845, -94.9607</a>
Hunter-Lab	<a href="#">86.4499, -37.8166, -11.6995</a>

# Details

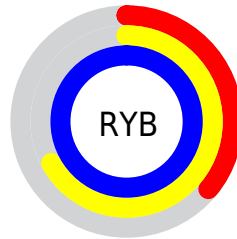
The XYZ color **54.9554, 74.7359, 105.2949** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **47.4601, 31.1526, 13.6388**, and the grayscale version is **54.9575, 57.8196, 62.9655**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **28.0613, 39.9977, 59.0647** is the 20% darker color. If you saturate the color by 10%, you get **52.4060, 72.7920, 105.0554**, and if you desaturate by 10%, it is **58.3628, 77.1302, 105.5788**.

# Distribution



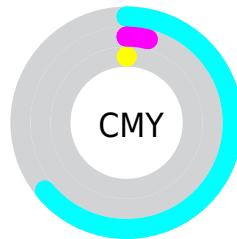
- Red (36%)
- Green (96%)
- Blue (100%)



- Red (36%)
- Yellow (67%)
- Blue (100%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9554, 74.7359, 105.2949 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 54.9554, 74.7359, 105.2949 by changing the saturation by 10% instead.



54.9554, 74.7359,  
105.2949

54.9554, 74.7359,  
105.2949

395.8820,  
477.0093, 598.4295

39.5997, 55.3966,  
80.0884

96.6243, 125.9384,  
170.5299

27.4094, 39.7193,  
59.2645

123.6682,  
158.5704, 211.3954

18.0191, 27.3198,  
42.4047

155.3390,  
196.4021, 258.3177

11.0635, 17.8135,  
29.0904

192.0019,  
239.8178, 311.7153

6.1772, 10.8162,  
18.9030

234.0222,  
289.2020, 372.0067

2.9948, 5.9434,  
11.4241

281.7655,

1.1510, 2.8107,

344.9391, 439.6106

6.2351

335.5970,  
407.4134, 514.9453

■ 0.0671, 1.0337,  
2.9175

■ 0.0000, 0.0000,  
1.0527

■ 54.9554, 74.7359,  
105.2949

■ 54.9554, 74.7359,  
105.2949

■ 52.4060, 72.7920,  
105.0554

■ 58.3628, 77.1302,  
105.5788

■ 50.6188, 71.2443,  
104.8509

■ 62.6980, 80.0060,  
105.9054

■ 49.4877, 70.0396,  
104.6780

■ 68.0314, 83.4012,  
106.2797

■ 49.0183, 69.4132,  
104.5818

■ 74.4247, 87.3476,  
106.7044

■ 81.9345, 91.8746,  
107.1824

■ 90.6136, 97.0092,  
107.7161

■ 94.8513, 99.8591,  
108.0428

■ 94.8896, 99.9359,  
108.0556

# Harmonies

## Analogous

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



53.7158, 74.7359, 75.4678



54.9554, 74.7359, 105.2949



60.3153, 74.7359, 133.7582

# Triad

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



54.9554, 74.7359, 105.2949



87.5253, 74.7359, 118.2477



73.1698, 74.7359, 38.2668

# Complementary

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



54.9554, 74.7359, 105.2949



47.4601, 31.1526, 13.6388

# 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.



82.9534, 74.7359, 44.8399



54.9554, 74.7359, 105.2949



91.7245, 74.7359, 87.5821

# Square

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



54.9554, 74.7359, 105.2949



78.9578, 74.7359, 142.3713



89.9781, 74.7359, 61.3828



63.6594, 74.7359, 40.8915

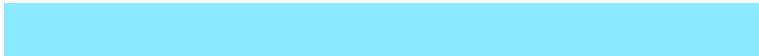


# Rectangle

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



54.9554, 74.7359, 105.2949



65.7948, 74.7359, 145.8379



89.9781, 74.7359, 61.3828



76.5447, 74.7359, 39.4127

# Sweetspot

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



54.9577, 74.7387, 105.2967



78.5641, 90.2356, 107.8842



42.1623, 74.0826, 24.1613



16.3637, 19.0406, 23.0627



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.



54.9577, 74.7387, 105.2967



52.2119, 72.8970, 105.9264



35.7422, 36.3078, 98.8915



18.4633, 20.2983, 23.1948



25.8797, 36.6689, 55.1484



2.5451, 3.6210, 5.3780



# Inverse Universe

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



61.1835, 35.3197, 89.9819



59.1294, 30.8894, 88.5085



59.3510, 54.9344, 17.6025



18.7465, 18.2819, 22.5483



29.8511, 14.4297, 44.7276

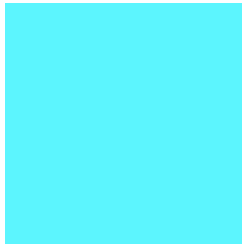


2.9193, 1.4101, 4.4223



# Previews

## White Background



This preview shows how the XYZ color 54.9554, 74.7359, 105.2949 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

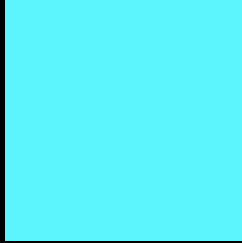
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.9554, 74.7359, 105.2949 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

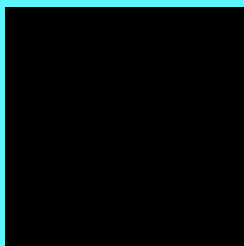
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

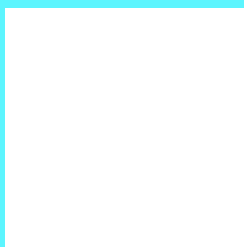
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.9554, 74.7359, 105.2949**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.9554, 74.7359, 105.2949.



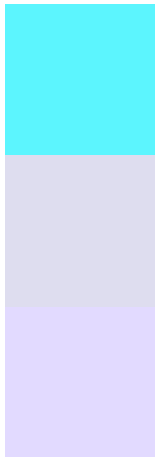
This preview shows how white text looks on a background with the XYZ color 54.9554, 74.7359,



# 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

54.9554, 74.7359, 105.2949

### Protanopia

71.5606, 73.4745, 92.0717

### Deuteranopia

74.4854, 73.5316, 104.8749



## Tritanopia

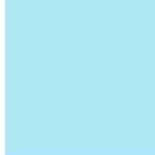
59.2330, 74.2714, 105.8216

# Trichromacy



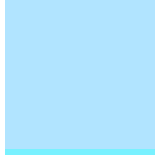
## Original Color

54.9554, 74.7359, 105.2949



## Protanomaly

62.3051, 72.2392, 96.2477



## Deuteranomaly

63.9249, 72.0539, 105.1463



## Tritanomaly

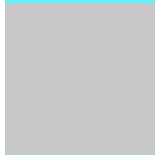
57.3905, 74.1955, 105.9041

# Monochromacy



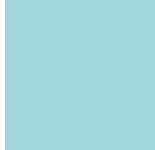
## Original Color

54.9554, 74.7359, 105.2949



## Achromatopsia

54.8990, 57.7580, 62.8985



## Achromatomaly

52.1721, 61.8561, 76.8998

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.9554, 74.7359, 105.2949 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(92, 245, 254)` looks like.

```
.text, #text, p{  
    color:rgb(92, 245, 254)  
}
```

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(92, 245, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 245, 254) }
```

## Border

The CSS property to change the border of an element to XYZ 54.9554, 74.7359, 105.2949 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(92, 245, 254) }
```



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

```
.border{ border-color:rgb(92, 245, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 245, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 245, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 245, 254);  
box-shadow:4px 4px 4px 4px rgb(92, 245,  
254) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.9554, 74.7359, 105.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 245, 254) }
```

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

```
.background{ background-color: rgb(92, 245,  
254) }
```

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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