

# Converting Colors

XYZ(53.5399, 71.1852,  
105.5260)

Have a look what the booklet for  
XYZ(53.5399, 71.1852, 105.5260)  
contains.

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# Color

**XYZ(53.6358, 71.3859,  
105.5597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FEFFF
RGB	95, 239, 255
RGB Percent	37%, 94%, 100%
CMY	0.6274, 0.0627, 0.0000
CMYK	0.63, 0.06, 0.00, 0.00
HSL	186°, 100%, 69%
HSV	186°, 63%, 100%
XYZ	53.6358, 71.3859, 105.5597
YIQ	197.7680, -90.9600, -25.5520

# Conversions

## Conversions Part 2

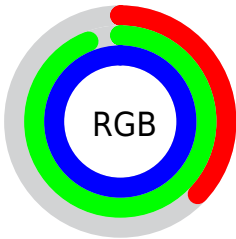
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 171, 255
Decimal	6287359
CIE Lab	87.67, -33.68, -19.20
CIE LCh	88, 38.768, 209.685
Yxy	71.3859, 0.2326, 0.3096
Android (android.graphics.Color)	4284477439 (0xFF5FEFFF)
YUV	197.7680, 28.2154, -90.1275
Hunter-Lab	84.4902, -34.5430, -14.9322

# Details

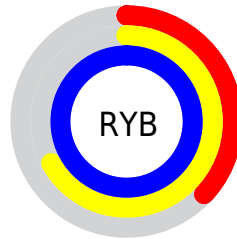
The XYZ color **53.6358, 71.3859, 105.5597** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **48.9909, 33.4563, 14.7041**, and the grayscale version is **53.4117, 56.1933, 61.1945**.

A 20% lighter version of the original color is **68.3072, 86.2136, 107.6485**, and **27.1265, 37.9442, 59.3203** is the 20% darker color. If you saturate the color by 10%, you get **50.6668, 68.7566, 105.2087**, and if you desaturate by 10%, it is **57.4858, 74.4881, 105.9556**.

# Distribution



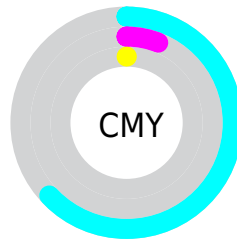
- Red (37%)
- Green (94%)
- Blue (100%)



- Red (37%)
- Yellow (67%)
- Blue (100%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6358, 71.3859, 105.5597 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 53.6358, 71.3859, 105.5597 by changing the saturation by 10% instead.



53.6358, 71.3859,  
105.5597

53.6358, 71.3859,  
105.5597

390.9407,  
465.4013, 599.2725

38.5401, 52.6572,  
80.3091

94.6993, 121.1830,  
170.8950

26.5812, 37.5292,  
59.4451

121.3978,  
153.0202, 211.8167

17.3939, 25.6175,  
42.5491

152.6946,  
189.9957, 258.7993

10.6128, 16.5377,  
29.2027

188.9551,  
232.4939, 312.2611

5.8725, 9.9054,  
18.9873

230.5446,  
280.8992, 372.6208

2.8076, 5.3363,  
11.4844

277.8285,

1.0529, 2.4459,

335.5959, 440.2969

6.2754

331.1721,  
396.9685, 515.7080

■ 0.0000, 0.8494,  
2.9418

■ 0.0000, 0.0000,  
1.0650

■ 53.6358, 71.3859,  
105.5597

■ 53.6358, 71.3859,  
105.5597

■ 50.6668, 68.7566,  
105.2087

■ 57.4858, 74.4881,  
105.9556

■ 48.4847, 66.5469,  
104.8972

■ 62.2872, 78.0950,  
106.3987

■ 46.9844, 64.7043,  
104.6206

■ 68.1101, 82.2442,  
106.8927

■ 46.2091, 63.5382,  
104.4364

■ 75.0163, 86.9677,  
107.4404

■ 83.0626, 92.2948,  
108.0446

■ 92.3019, 98.2528,  
108.7076

■ 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.



51.6789, 71.3859, 77.4494



53.6358, 71.3859, 105.5597



59.3212, 71.3859, 130.0708

# Triad

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



53.6358, 71.3859, 105.5597



84.2649, 71.3859, 106.1515



67.9473, 71.3859, 37.3291

# Complementary

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



53.6358, 71.3859, 105.5597



48.9909, 33.4563, 14.7041

# 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.



77.1597, 71.3859, 41.7322



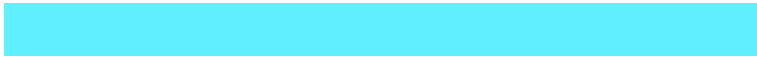
53.6358, 71.3859, 105.5597



87.0853, 71.3859, 78.0055

# Square

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



53.6358, 71.3859, 105.5597



76.9766, 71.3859, 130.4632



84.3771, 71.3859, 55.2749



59.4751, 71.3859, 41.5488

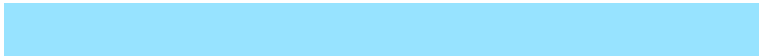


# Rectangle

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



53.6358, 71.3859, 105.5597



64.7370, 71.3859, 138.8568



84.3771, 71.3859, 55.2749



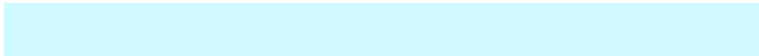
71.0616, 71.3859, 37.8321

# Sweetspot

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



53.6378, 71.3885, 105.5601



77.8906, 88.8888, 107.6597



43.2052, 75.0433, 26.4904



16.1984, 18.7099, 23.0076



0.0000, 0.0000, 0.0000

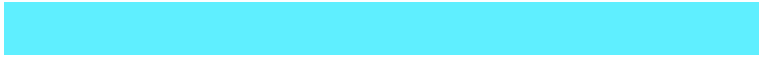


20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.6378, 71.3885, 105.5601



50.1085, 68.2225, 105.1350



35.6328, 35.3785, 99.5584



18.3905, 20.1527, 23.1705



24.2085, 33.3265, 54.5913



2.4001, 3.3309, 5.3297



# Inverse Universe

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



60.9135, 35.6782, 85.3402



58.1820, 30.9477, 82.1712



61.3612, 58.1969, 18.8276



18.7098, 18.2672, 22.3548



29.0075, 14.0923, 40.2856

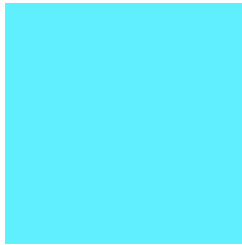


2.8461, 1.3808, 4.0368



# Previews

## White Background



This preview shows how the XYZ color 53.6358, 71.3859, 105.5597 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

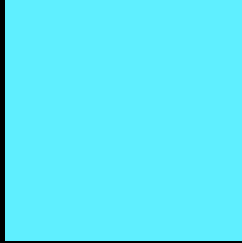
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.6358, 71.3859, 105.5597 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 53.6358, 71.3859, 105.5597

## Background



This preview shows how black text looks on a background with the XYZ color 53.6358, 71.3859, 105.5597.



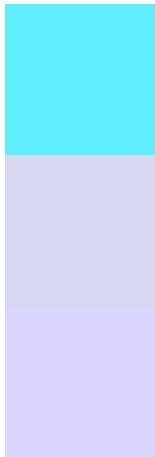
This preview shows how white text looks on a background with the XYZ color 53.6358, 71.3859,



# 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

53.6358, 71.3859, 105.5597

### Protanopia

68.7144, 70.4237, 93.1906

### Deuteranopia

71.0100, 70.2186, 104.4186



## Tritanopia

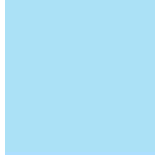
55.0163, 71.2331, 105.4574

# Trichromacy



## Original Color

53.6358, 71.3859, 105.5597



## Protanomaly

60.3544, 69.1622, 97.3574



## Deuteranomaly

61.6713, 68.8796, 104.6524



## Tritanomaly

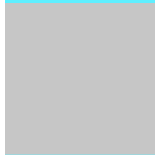
54.5684, 71.4332, 105.5197

# Monochromacy



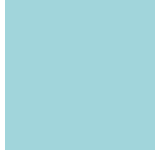
## Original Color

53.6358, 71.3859, 105.5597



## 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 53.6358, 71.3859, 105.5597 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(95, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 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(95, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 239, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 53.6358, 71.3859, 105.5597 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(95, 239, 255) }
```



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

```
.border{ border-color:rgb(95, 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(95, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 239,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.6358, 71.3859, 105.5597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 239, 255) }
```

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

```
.background{ background-color: rgb(95, 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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