

Converting Colors

XYZ(76.0607, 79.5221,
221.8092)

Have a look what the booklet for
XYZ(76.0607, 79.5221, 221.8092)
contains.

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Color

**XYZ(53.9277, 70.6719,
105.4065)**

Conversions

Conversions Part 1

Format	Color
Hex	67EDFF
RGB	103, 237, 255
RGB Percent	40%, 93%, 100%
CMY	0.5960, 0.0706, 0.0000
CMYK	0.60, 0.07, 0.00, 0.00
HSL	187°, 100%, 70%
HSV	187°, 60%, 100%
XYZ	53.9277, 70.6719, 105.4065
YIQ	198.9860, -85.6420, -22.8100

Conversions

Conversions Part 2

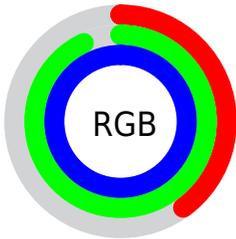
Format	Color
RYB	103, 174, 255
Decimal	6811135
CIELab	87.33, -31.44, -19.70
CIELCh	87, 37.100, 212.075
Yxy	70.6719, 0.2345, 0.3073
Android (android.graphics.Color)	4285001215 (0xFF67EDFF)
YUV	198.9860, 27.6149, -84.1797
Hunter-Lab	84.0666, -32.6109, -15.4939

Details

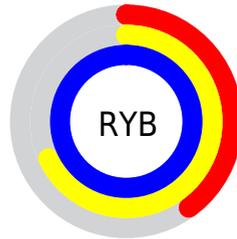
The XYZ color **53.9277, 70.6719, 105.4065** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.5265, 35.9153, 17.1034**, and the grayscale version is **54.1537, 56.9739, 62.0446**.

A 20% lighter version of the original color is **69.7463, 86.9555, 107.7158**, and **26.7920, 37.1637, 59.1873** is the 20% darker color. If you saturate the color by 10%, you get **50.5701, 67.6556, 105.0013**, and if you desaturate by 10%, it is **58.1955, 74.1823, 105.8591**.

Distribution



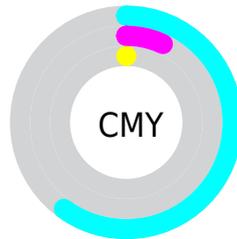
- Red (40%)
- Green (93%)
- Blue (100%)



- Red (40%)
- Yellow (68%)
- Blue (100%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9277, 70.6719, 105.4065 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 53.9277, 70.6719, 105.4065 by changing the saturation by 10% instead.

 53.9277, 70.6719,
105.4065

 53.9277, 70.6719,
105.4065

392.0371,
462.9057, 598.7849

 38.7743, 52.0745,
80.1814

 95.1256, 120.1664,
170.6838

 26.7641, 37.0645,
59.3406

 121.9008,
151.8323, 211.5730

 17.5318, 25.2574,
42.4655

 153.2807,
188.6232, 258.5207

 10.7120, 16.2689,
29.1377

189.6305,
230.9234, 311.9454

 5.9394, 9.7147,
18.9385

231.3157,
279.1174, 372.2656

 2.8486, 5.2102,
11.4495

278.7017,

 1.0742, 2.3711,

333.5895, 439.8999

6.2521

332.1537,
394.7241, 515.2668

■ 0.0034, 0.8110,
2.9277

■ 0.0000, 0.0000,
1.0578

■ 53.9277, 70.6719,
105.4065

■ 53.9277, 70.6719,
105.4065

■ 50.5701, 67.6556,
105.0013

■ 58.1955, 74.1823,
105.8591

■ 48.0327, 65.0825,
104.6383

■ 63.4412, 78.2172,
106.3615

■ 46.2175, 62.9032,
104.3134

■ 69.7325, 82.8133,
106.9170

■ 44.9679, 61.0371,
104.0190

■ 77.1297, 88.0016,
107.5286

■ 44.9230, 60.9661,
104.0077

■ 85.6883, 93.8108,
108.1988

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.



51.7537, 70.6719, 78.7034



53.9277, 70.6719, 105.4065



59.6127, 70.6719, 127.7230

Triad

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



53.9277, 70.6719, 105.4065



83.1220, 70.6719, 101.7316



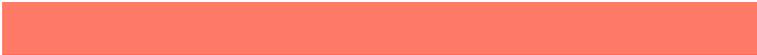
66.5656, 70.6719, 38.2108

Complementary

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



53.9277, 70.6719, 105.4065



50.5265, 35.9153, 17.1034

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.



75.3437, 70.6719, 41.8087



53.9277, 70.6719, 105.4065



85.3824, 70.6719, 75.2222

Square

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



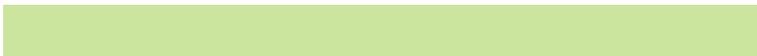
53.9277, 70.6719, 105.4065



76.4858, 70.6719, 125.2984



82.4234, 70.6719, 54.1394



58.6459, 70.6719, 42.9784

Rectangle

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



53.9277, 70.6719, 105.4065



64.8835, 70.6719, 135.0632



82.4234, 70.6719, 54.1394



69.5127, 70.6719, 38.4796

Sweetspot

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



53.9297, 70.6745, 105.4069



78.4235, 88.8912, 107.6321



44.7897, 75.7782, 30.2718



16.2884, 18.6836, 22.9978



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.



53.9297, 70.6745, 105.4069



49.8908, 67.0005, 104.9106



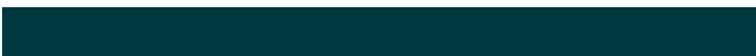
36.4368, 35.6888, 99.5759



18.3605, 20.0925, 23.1605



23.5461, 32.0019, 54.3705



2.3423, 3.2153, 5.3104

Inverse Universe

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



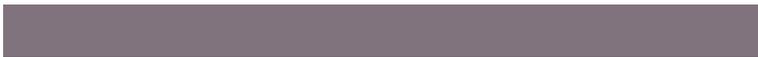
61.3776, 37.0767, 84.0450



58.2641, 31.7156, 80.3373



63.5950, 62.0523, 21.4596



18.6946, 18.2611, 22.2748



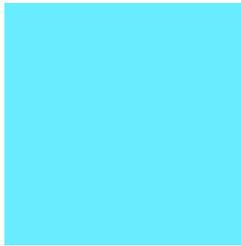
28.6732, 13.9586, 38.5251



2.8169, 1.3691, 3.8831

Previews

White Background



This preview shows how the XYZ color 53.9277, 70.6719, 105.4065 looks on a white background.

Color Contrast Check

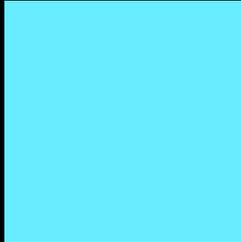
Large Text (above 18pt) WCAG AA × Fail

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 53.9277, 70.6719, 105.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

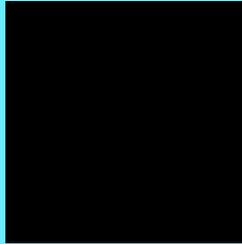
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9277, 70.6719, 105.4065

Background



This preview shows how black text looks on a background with the XYZ color 53.9277, 70.6719, 105.4065.

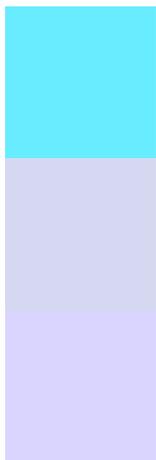


This preview shows how white text looks on a background with the XYZ color 53.9277, 70.6719,

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

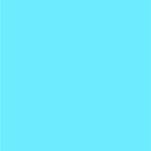
53.9277, 70.6719, 105.4065

Protanopia

68.1646, 69.7587, 93.0912

Deuteranopia

70.4595, 69.5602, 104.3206



Tritanopia

54.3521, 70.4621, 105.3436

Trichromacy



Original Color

53.9277, 70.6719, 105.4065



Protanomaly

60.7458, 68.9638, 97.2985



Deuteranomaly

62.0758, 68.6927, 104.5950



Tritanomaly

54.1089, 70.3367, 105.3322

Monochromacy



Original Color

53.9277, 70.6719, 105.4065



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

51.8903, 60.5955, 75.9790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9277, 70.6719, 105.4065 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(103, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 237, 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(103, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9277, 70.6719, 105.4065 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(103, 237, 255) }
```

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

```
.border{ border-color:rgb(103, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9277, 70.6719, 105.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 237, 255) }
```

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

```
.background{ background-color: rgb(103,  
237, 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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