

Converting Colors

XYZ(59.4049, 75.7562,
139.6565)

Have a look what the booklet for
XYZ(59.4049, 75.7562, 139.6565)
contains.

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Color

**XYZ(53.0732, 73.2991,
105.9586)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 48F4FF |
| RGB | 72, 244, 255 |
| RGB Percent | 28%, 96%, 100% |
| CMY | 0.7176, 0.0431, 0.0000 |
| CMYK | 0.72, 0.04, 0.00, 0.00 |
| HSL | 184°, 100%, 64% |
| HSV | 184°, 72%, 100% |
| XYZ | 53.0732, 73.2991, 105.9586 |
| YIQ | 193.8260, -106.0430, -33.0430 |

Conversions

Conversions Part 2

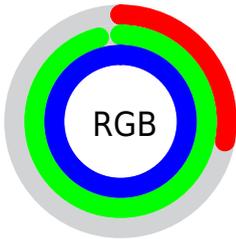
| Format | Color |
|-------------------------------------|--|
| RYB | 72, 161, 255 |
| Decimal | 4781311 |
| CIELab | 88.59, -39.09, -17.87 |
| CIELCh | 89, 42.976, 204.564 |
| Yxy | 73.2991, 0.2284, 0.3155 |
| Android (android.graphics.Color) | 4282971391 (0xFF48F4FF) |
| YUV | 193.8260, 30.1588, -106.8414 |
| Hunter-Lab | 85.6149, -39.1728, -13.4480 |

Details

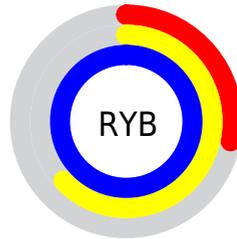
The XYZ color **53.0732, 73.2991, 105.9586** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.5041, 27.9160, 9.1231**, and the grayscale version is **51.0506, 53.7093, 58.4894**.

A 20% lighter version of the original color is **65.4871, 84.7597, 107.5165**, and **27.9634, 39.6179, 59.5993** is the 20% darker color. If you saturate the color by 10%, you get **51.0925, 71.5979, 105.7347**, and if you desaturate by 10%, it is **55.8494, 75.4192, 106.2215**.

Distribution



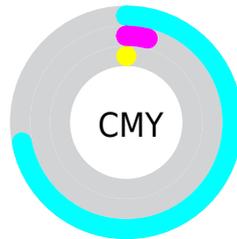
- Red (28%)
- Green (96%)
- Blue (100%)



- Red (28%)
- Yellow (63%)
- Blue (100%)



- Cyan (72%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0732, 73.2991, 105.9586 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 53.0732, 73.2991, 105.9586 by changing the saturation by 10% instead.

 53.0732, 73.2991,
105.9586

 53.0732, 73.2991,
105.9586

388.8222,
472.0508, 600.5413

 38.0889, 54.2206,
80.6415

 93.8770, 123.9017,
171.4449

 26.2292, 38.7780,
59.7172

 120.4272,
156.1946, 212.4512

 17.1288, 26.5871,
42.7669

 151.5634,
193.6611, 259.5243

 10.4222, 17.2634,
29.3722

 187.6510,
236.6855, 313.0828

 5.7442, 10.4224,
19.1146

229.0553,
285.6523, 373.5452

 2.7293, 5.6799,
11.5754

276.1417,

 1.0123, 2.6515,

340.9458, 441.3301

6.3363

329.2755,
402.9505, 516.8559

0.0000, 0.9526,
2.9785

0.0000, 0.0000,
1.0837

53.0732, 73.2991,
105.9586

53.0732, 73.2991,
105.9586

51.0925, 71.5979,
105.7347

55.8494, 75.4192,
106.2215

49.7967, 70.2539,
105.5435

59.5019, 77.9953,
106.5263

49.1148, 69.3496,
105.4049

64.1082, 81.0687,
106.8767

69.7355, 84.6742,
107.2760

■ 76.4450, 88.8433,
107.7271

■ 84.2932, 93.6053,
108.2326

■ 93.3325, 98.9870,
108.7950

■ 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.



51.6567, 73.2991, 74.5254



53.0732, 73.2991, 105.9586



58.7433, 73.2991, 135.9135

Triad

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



53.0732, 73.2991, 105.9586



87.1956, 73.2991, 117.6766



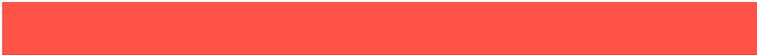
71.5733, 73.2991, 35.4165

Complementary

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



53.0732, 73.2991, 105.9586



45.5041, 27.9160, 9.1231

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.



81.8709, 73.2991, 41.7620



53.0732, 73.2991, 105.9586



91.4451, 73.2991, 85.3393

Square

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



53.0732, 73.2991, 105.9586



78.2837, 73.2991, 143.7695



89.4062, 73.2991, 58.3620



61.7099, 73.2991, 38.3490

Rectangle

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



53.0732, 73.2991, 105.9586



64.4988, 73.2991, 148.4166



89.4062, 73.2991, 58.3620



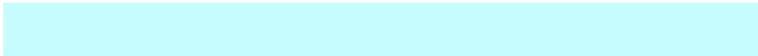
75.1075, 73.2991, 36.4751

Sweetspot

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



53.0752, 73.3017, 105.9590



76.2706, 88.7363, 107.7157



39.9248, 73.4947, 19.8982



15.9136, 18.7398, 23.0283



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.



53.0752, 73.3017, 105.9590



50.4661, 70.9877, 105.6499



32.3381, 31.8275, 99.0467



18.4559, 20.2834, 23.1923



25.7038, 36.3171, 55.0898



2.5299, 3.5906, 5.3730

Inverse Universe

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



59.8879, 32.4283, 88.6936



57.8620, 28.9037, 86.3931



57.2878, 51.4834, 13.0510



18.7428, 18.2804, 22.5285



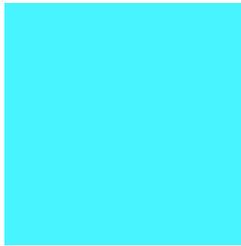
29.7623, 14.3942, 44.2601



2.9116, 1.4070, 4.3819

Previews

White Background



This preview shows how the XYZ color 53.0732, 73.2991, 105.9586 looks on a white background.

Color Contrast Check

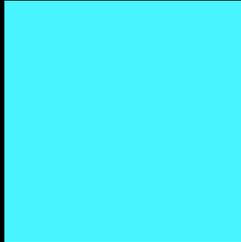
Large Text (above 18pt) WCAG AA × Fail

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 53.0732, 73.2991, 105.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

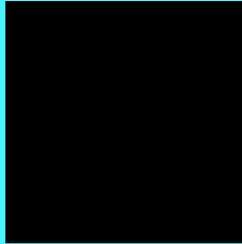
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0732, 73.2991, 105.9586

Background



This preview shows how black text looks on a background with the XYZ color 53.0732, 73.2991, 105.9586.



This preview shows how white text looks on a background with the XYZ color 53.0732, 73.2991,

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

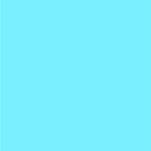
53.0732, 73.2991, 105.9586

Protanopia

70.1249, 71.9551, 91.8541

Deuteranopia

72.7301, 71.8613, 104.6451



Tritanopia

56.9425, 73.0906, 105.7144

Trichromacy



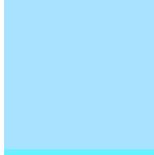
Original Color

53.0732, 73.2991, 105.9586



Protanomaly

59.9507, 70.1864, 96.7738



Deuteranomaly

61.1827, 69.8282, 104.8613



Tritanomaly

55.2142, 73.0736, 105.8023

Monochromacy



Original Color

53.0732, 73.2991, 105.9586



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.5158, 58.5289, 73.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0732, 73.2991, 105.9586 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(72, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(72, 244, 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(72, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.0732, 73.2991, 105.9586 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(72, 244, 255) }
```


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

```
.border{ border-color:rgb(72, 244, 255) }
```

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

Here you see how a box with a 4 pixel rgb(72, 244, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(72, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0732, 73.2991, 105.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 244, 255) }
```

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

```
.background{ background-color: rgb(72, 244,  
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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