

Converting Colors

XYZ(53.3820, 73.4768,
105.1349)

Have a look what the booklet for
XYZ(53.3820, 73.4768, 105.1349)
contains.

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Color

**XYZ(53.3820, 73.4768,
105.1349)**

Conversions

Conversions Part 1

Format	Color
Hex	4EF4FE
RGB	78, 244, 254
RGB Percent	31%, 96%, 100%
CMY	0.6941, 0.0431, 0.0039
CMYK	0.69, 0.04, 0.00, 0.00
HSL	183°, 99%, 65%
HSV	183°, 69%, 100%
XYZ	53.3820, 73.4768, 105.1349
YIQ	195.5060, -102.1460, -32.0820

Conversions

Conversions Part 2

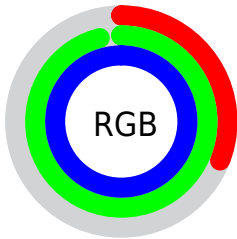
Format	Color
R_{YB}	78, 163, 254
Decimal	5174526
CIE _{Lab}	88.67, -38.65, -17.20
CIE _{LCh}	89, 42.310, 203.994
Yxy	73.4768, 0.2301, 0.3167
Android (android.graphics.Color)	4283364606 (0xFF4EF4FE)
YUV	195.5060, 28.8375, -103.0528
Hunter-Lab	85.7186, -38.8452, -12.7169

Details

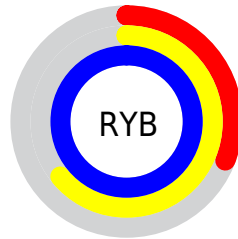
The XYZ color **53.3820, 73.4768, 105.1349** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **45.7398, 28.6025, 10.3201**, and the grayscale version is **52.0534, 54.7643, 59.6383**.

A 20% lighter version of the original color is **66.2044, 85.1296, 107.5500**, and **27.8484, 39.5719, 58.9937** is the 20% darker color. If you saturate the color by 10%, you get **51.2567, 71.7407, 104.9132**, and if you desaturate by 10%, it is **56.3182, 75.6392, 105.3989**.

Distribution



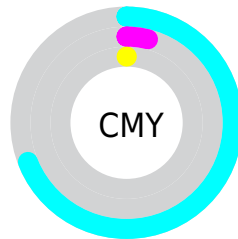
- Red (31%)
- Green (96%)
- Blue (100%)



- Red (31%)
- Yellow (64%)
- Blue (100%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3820, 73.4768, 105.1349 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 53.3820, 73.4768, 105.1349 by changing the saturation by 10% instead.

53.3820, 73.4768,
105.1349

53.3820, 73.4768,
105.1349

389.9859,
472.6657, 597.9199

38.3365, 54.3659,
79.9551

94.3285, 124.1539,
170.3092

26.4224, 38.8943,
59.1554

120.9601,
156.4888, 211.1407

17.2742, 26.6775,
42.3174

152.1846,
194.0006, 258.0266

10.5267, 17.3312,
29.0225

188.3672,
237.0736, 311.3854

5.8145, 10.4709,
18.8521

229.8732,
286.0922, 371.6355

2.7722, 5.7123,
11.3877

277.0681,

1.0345, 2.6709,

341.4408, 439.1956

6.2108

330.3172,
403.5039, 514.4842

■ 0.0000, 0.9624,
2.9028

■ 0.0000, 0.0000,
1.0452

■ 53.3820, 73.4768,
105.1349

■ 53.3820, 73.4768,
105.1349

■ 51.2567, 71.7407,
104.9132

■ 56.3182, 75.6392,
105.3989

■ 49.8374, 70.3719,
104.7238

■ 60.1414, 78.2623,
105.7037

■ 48.9767, 69.2962,
104.5615

■ 64.9263, 81.3862,
106.0545

■ 48.9238, 69.2241,
104.5504

■ 70.7379, 85.0445,
106.4543

■ 77.6355, 89.2678,
106.9059

■ 85.6740, 94.0843,
107.4119

94.6047, 99.3659,
107.9607

94.8897, 99.9359,
108.0557

Harmonies

Analogous

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



52.0639, 73.4768, 74.2594



53.3820, 73.4768, 105.1349



58.9126, 73.4768, 134.6999

Triad

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



53.3820, 73.4768, 105.1349



86.9672, 73.4768, 117.8502



71.9135, 73.4768, 36.0778

Complementary

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



53.3820, 73.4768, 105.1349



45.7398, 28.6025, 10.3201

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.



82.0359, 73.4768, 42.5725



53.3820, 73.4768, 105.1349



91.2556, 73.4768, 86.0369

Square

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



53.3820, 73.4768, 105.1349



78.1353, 73.4768, 143.2054



89.3685, 73.4768, 59.2351



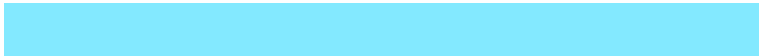
62.1490, 73.4768, 38.8222

Rectangle

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



53.3820, 73.4768, 105.1349



64.5589, 73.4768, 147.1939



89.3685, 73.4768, 59.2351



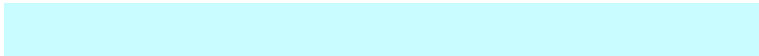
75.3963, 73.4768, 37.1902

Sweetspot

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



53.3843, 73.4795, 105.1367



77.0557, 89.2942, 107.7820



40.2978, 73.1899, 20.9796



16.0691, 18.8542, 23.0422



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.



53.3843, 73.4795, 105.1367



51.1044, 71.8280, 105.7784



33.1246, 32.9602, 98.3834



18.4613, 20.2941, 23.1941



25.8306, 36.5707, 55.1320



2.5409, 3.6125, 5.3766

Inverse Universe

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



59.9286, 33.0535, 88.8121



58.2907, 29.4829, 87.3935



57.5415, 52.2060, 14.2540



18.7455, 18.2815, 22.5428



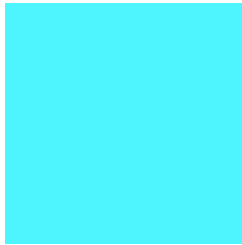
29.8263, 14.4198, 44.5971



2.9171, 1.4092, 4.4110

Previews

White Background



This preview shows how the XYZ color 53.3820, 73.4768, 105.1349 looks on a white background.

Color Contrast Check

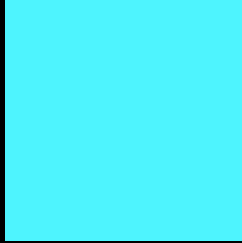
Large Text (above 18pt) WCAG AA × Fail

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 53.3820, 73.4768, 105.1349 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 53.3820, 73.4768, 105.1349

Background



This preview shows how black text looks on a background with the XYZ color 53.3820, 73.4768, 105.1349.

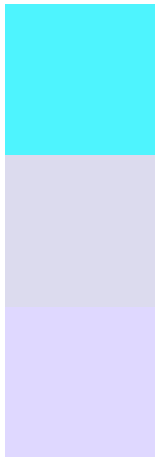


This preview shows how white text looks on a background with the XYZ color 53.3820, 73.4768,

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

53.3820, 73.4768, 105.1349

Protanopia

70.2793, 72.0517, 91.0922

Deuteranopia

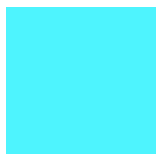
73.0373, 72.0197, 104.6595



Tritanopia

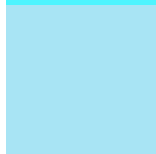
57.3739, 73.3130, 105.7346

Trichromacy



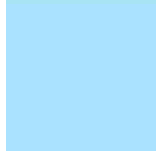
Original Color

53.3820, 73.4768, 105.1349



Protanomaly

60.2210, 70.3433, 95.9916



Deuteranomaly

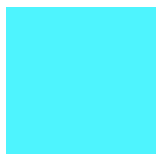
61.8239, 70.1588, 104.8913



Tritanomaly

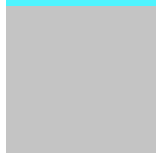
55.6896, 73.3187, 105.8245

Monochromacy



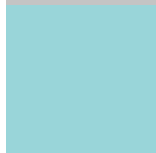
Original Color

53.3820, 73.4768, 105.1349



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

49.4555, 59.3706, 74.4987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3820, 73.4768, 105.1349 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(78, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(78, 244, 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(78, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 244, 254) }
```

Border

The CSS property to change the border of an element to XYZ 53.3820, 73.4768, 105.1349 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(78, 244, 254) }
```


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

```
.border{ border-color:rgb(78, 244, 254) }
```

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

Here you see how a box with a 4 pixel rgb(78, 244, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(78, 244,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3820, 73.4768, 105.1349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 244, 254) }
```

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

```
.background{ background-color: rgb(78, 244,  
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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