

Converting Colors

XYZ(53.0889, 75.6809,
101.4323)

Have a look what the booklet for
XYZ(53.0889, 75.6809, 101.4323)
contains.

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Color

**XYZ(53.0889, 75.6809,
101.4323)**

Conversions

Conversions Part 1

Format	Color
Hex	40F9F9
RGB	64, 249, 249
RGB Percent	25%, 98%, 98%
CMY	0.7490, 0.0235, 0.0235
CMYK	0.74, 0.00, 0.00, 0.02
HSL	180°, 94%, 61%
HSV	180°, 74%, 98%
XYZ	53.0889, 75.6809, 101.4323
YIQ	193.6850, -110.2600, -39.2200

Conversions

Conversions Part 2

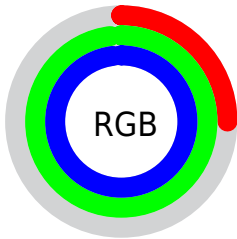
Format	Color
R _Y B	64, 157, 249
Decimal	4258297
CIE Lab	89.71, -43.88, -13.07
CIE LCh	90, 45.782, 196.587
Yxy	75.6809, 0.2306, 0.3288
Android (android.graphics.Color)	4282448377 (0xFF40F9F9)
YUV	193.6850, 27.2703, -113.7337
Hunter-Lab	86.9948, -43.3105, -8.2333

Details

The XYZ color **53.0889, 75.6809, 101.4323** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.8282, 24.1791, 7.3152**, and the grayscale version is **50.9860, 53.6412, 58.4153**.

A 20% lighter version of the original color is **64.6252, 84.3154, 107.4761**, and **28.4753, 41.5495, 56.9711** is the 20% darker color. If you saturate the color by 10%, you get **51.8169, 75.0268, 101.3743**, and if you desaturate by 10%, it is **55.0876, 76.7129, 101.5278**.

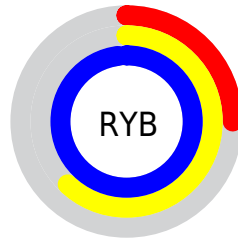
Distribution



Red (25%)

Green (98%)

Blue (98%)



Red (25%)

Yellow (62%)

Blue (98%)

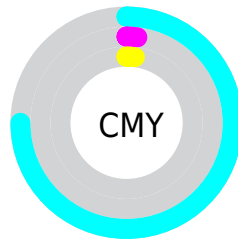


Cyan (74%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (75%)


Magenta (2%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0889, 75.6809, 101.4323 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 53.0889, 75.6809, 101.4323 by changing the saturation by 10% instead.

 53.0889, 75.6809,
101.4323


 53.0889, 75.6809,
101.4323


388.8814,
480.2547, 586.0609


 38.1015, 56.1709,
76.8737

 93.8999, 127.2757,
165.1931


 26.2391, 40.3400,
56.6383


 120.4543,
160.1294, 205.2324

 17.1362, 27.8037,
40.3075


 151.5950,
198.1996, 251.2690

 10.4275, 18.1777,
27.4628

 187.6874,
241.8710, 303.7215

 5.7478, 11.0777,
17.6856

229.0969,
291.5277, 363.0084

 2.7315, 6.1191,
10.5574

276.1888,

 1.0134, 2.9176,

347.5543, 429.5483

5.6596

329.3285,
410.3352, 503.7596

■ 0.0000, 1.0889,
2.5738

■ 0.0000, 0.0000,
0.8789

■ 53.0889, 75.6809,
101.4323

■ 53.0889, 75.6809,
101.4323

■ 51.8169, 75.0268,
101.3743

■ 55.0876, 76.7129,
101.5278


■ 51.1603, 74.6883,
101.3433


■ 57.8913, 78.1583,
101.6592

■ 50.9759, 74.5933,
101.3345


■ 61.5759, 80.0578,
101.8319


■ 66.2066, 82.4450,
102.0488

 71.8424, 85.3503,
102.3128

 78.5375, 88.8018,
102.6263

 86.3424, 92.8253,
102.9918

 92.2163, 95.8534,
103.2669

 92.2163, 95.8535,
103.2671

Harmonies

Analogous

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



52.8354, 75.6809, 68.8221



53.0889, 75.6809, 101.4323



58.0363, 75.6809, 136.2441

Triad

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



53.0889, 75.6809, 101.4323



88.8607, 75.6809, 132.8715



77.0802, 75.6809, 35.5570

Complementary

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



53.0889, 75.6809, 101.4323



41.8282, 24.1791, 7.3152

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.



87.8865, 75.6809, 45.0252



53.0889, 75.6809, 101.4323



95.1522, 75.6809, 97.6638

Square

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



53.0889, 75.6809, 101.4323



78.3015, 75.6809, 157.3939



94.7781, 75.6809, 65.9173



65.9185, 75.6809, 36.0678

Rectangle

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



53.0889, 75.6809, 101.4323



63.6561, 75.6809, 153.5331



94.7781, 75.6809, 65.9173



80.8967, 75.6809, 37.5452

Sweetspot

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



53.0912, 75.6837, 101.4341



77.3366, 90.8684, 108.0705



37.1240, 69.3207, 16.2761



16.1696, 19.2518, 23.1136



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.



53.0912, 75.6837, 101.4341



54.2899, 78.9874, 106.9904



31.7148, 32.9305, 94.3102



17.7659, 19.6086, 22.2337



27.2857, 39.9273, 54.2410



2.5271, 3.6980, 5.0237

Inverse Universe

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



41.8282, 24.1791, 7.3152



41.8667, 22.1770, 3.1759



51.4550, 43.4327, 10.5239



17.2447, 17.2252, 17.8783



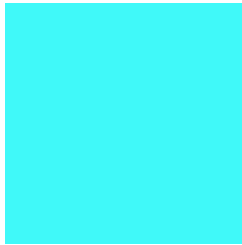
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 53.0889, 75.6809, 101.4323 looks on a white background.

Color Contrast Check

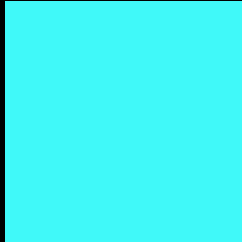
Large Text (above 18pt) WCAG AA × Fail

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 53.0889, 75.6809, 101.4323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

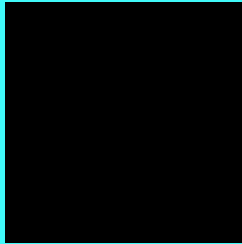
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0889, 75.6809, 101.4323

Background



This preview shows how black text looks on a background with the XYZ color 53.0889, 75.6809, 101.4323.

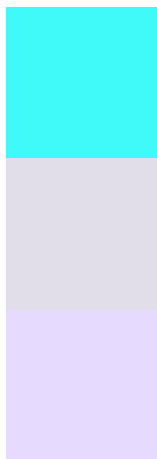


This preview shows how white text looks on a background with the XYZ color 53.0889, 75.6809,

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

53.0889, 75.6809, 101.4323

Protanopia

71.8806, 74.1333, 87.6114

Deuteranopia

75.7545, 74.1858, 104.9343



Tritanopia

59.8575, 75.0291, 105.9350

Trichromacy



Original Color

53.0889, 75.6809, 101.4323



Protanomaly

60.1625, 72.0522, 92.3979



Deuteranomaly

62.3265, 71.6765, 103.4785



Tritanomaly

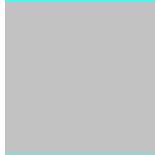
56.4623, 74.6378, 104.3592

Monochromacy



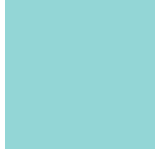
Original Color

53.0889, 75.6809, 101.4323



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.2168, 59.1512, 72.4944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0889, 75.6809, 101.4323 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(64, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(64, 249, 249)  
}
```

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(64, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 249, 249) }
```

Border

The CSS property to change the border of an element to XYZ 53.0889, 75.6809, 101.4323 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(64, 249, 249) }
```


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

```
.border{ border-color:rgb(64, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(64, 249,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0889, 75.6809, 101.4323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 249, 249) }
```

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

```
.background{ background-color: rgb(64, 249,  
249) }
```

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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