

Converting Colors

XYZ(57.2092, 86.3524, 75.1554)

Have a look what the booklet for
XYZ(57.2092, 86.3524, 75.1554)
contains.

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Color

**XYZ(53.8245, 79.4744,
74.1313)**

Conversions

Conversions Part 1

Format	Color
Hex	6DFFD3
RGB	109, 255, 211
RGB Percent	43%, 100%, 83%
CMY	0.5725, 0.0000, 0.1725
CMYK	0.57, 0.00, 0.17, 0.00
HSL	162°, 100%, 71%
HSV	162°, 57%, 100%
XYZ	53.8245, 79.4744, 74.1313
YIQ	206.3300, -72.8920, -44.6360

Conversions

Conversions Part 2

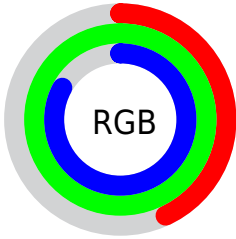
Format	Color
R _{YB}	109, 195, 255
Decimal	7208915
CIE _{Lab}	91.45, -49.47, 9.31
CIE _{LCh}	91, 50.342, 169.342
Y _{xy}	79.4744, 0.2595, 0.3831
Android (android.graphics.Color)	4285398995 (0xFF6DFFD3)
YUV	206.3300, 2.3023, -85.3584
Hunter-Lab	89.1484, -48.2381, 13.1013

Details

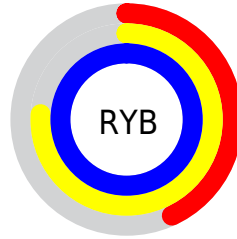
The XYZ color **53.8245, 79.4744, 74.1313** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **52.4590, 34.4981, 34.0316**, and the grayscale version is **58.8970, 61.9642, 67.4791**.

A 20% lighter version of the original color is **70.6046, 87.3979, 107.7560**, and **26.5627, 42.6399, 38.2828** is the 20% darker color. If you saturate the color by 10%, you get **50.1893, 77.7089, 69.0525**, and if you desaturate by 10%, it is **58.4170, 81.7278, 79.4981**.

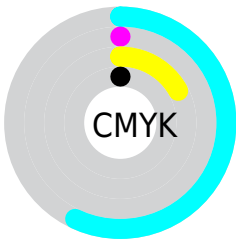
Distribution



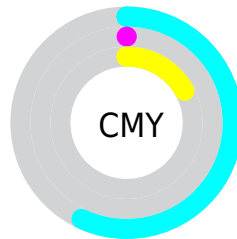
- Red (43%)
- Green (100%)
- Blue (83%)



- Red (43%)
- Yellow (76%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (57%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8245, 79.4744, 74.1313 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 53.8245, 79.4744, 74.1313 by changing the saturation by 10% instead.


 53.8245, 79.4744,
74.1313


 53.8245, 79.4744,
74.1313


391.6497,
493.1598, 494.1019


 38.6915, 59.2859,
54.4041

 94.9749, 132.6265,
126.8177

 26.6994, 42.8433,
38.5294


 121.7230,
166.3589, 160.6139

 17.4830, 29.7622,
26.0888


 153.0735,
205.3748, 199.9369

 10.6769, 19.6582,
16.6638

189.3918,
250.0586, 245.2052

 5.9157, 12.1468,
9.8356

231.0432,
300.7945, 296.8373

 2.8341, 6.8437,
5.1859

278.3931,

 1.0666, 3.3646,

357.9671, 355.2517

2.2961

331.8068,
421.9607, 420.8671

0.0000, 1.3249,
0.7290

0.0000, 0.1604,
0.0000

53.8245, 79.4744,
74.1313

53.8245, 79.4744,
74.1313

50.1893, 77.7089,
69.0525

58.4170, 81.7278,
79.4981

47.4272, 76.3885,
64.2503

64.0365, 84.5054,
85.1553

45.4429, 75.4638,
59.7183

70.7487, 87.8408,
91.1105

44.1127, 74.8712,
55.4473

78.6132, 91.7647,
97.3697

■ 43.8112, 74.7405,
54.3170

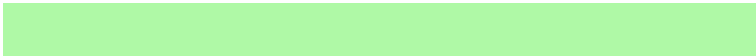
■ 87.6850, 96.3054,
103.9386

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.



58.3503, 79.4744, 48.2283



53.8245, 79.4744, 74.1313



54.5982, 79.4744, 112.0645

Triad

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



53.8245, 79.4744, 74.1313



83.9934, 79.4744, 171.6237



92.7506, 79.4744, 43.2922

Complementary

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



53.8245, 79.4744, 74.1313



52.4590, 34.4981, 34.0316

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.



101.2454, 79.4744, 65.2094



53.8245, 79.4744, 74.1313



95.8075, 79.4744, 141.1159

Square

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



53.8245, 79.4744, 74.1313



71.0732, 79.4744, 176.0245



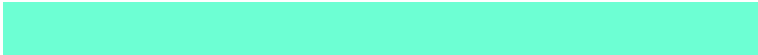
102.4233, 79.4744, 100.2485



80.1861, 79.4744, 34.0724

Rectangle

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



53.8245, 79.4744, 74.1313



58.0444, 79.4744, 139.4021



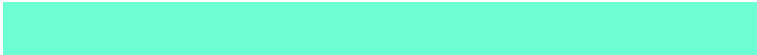
102.4233, 79.4744, 100.2485



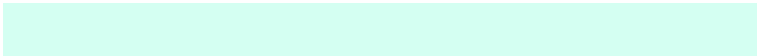
96.2345, 79.4744, 49.0744

Sweetspot

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



53.8253, 79.4747, 74.1327



78.8280, 91.8720, 97.5323



52.0834, 79.6161, 27.0915



16.5126, 19.4846, 20.6012



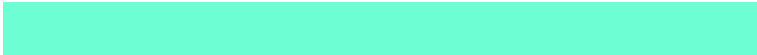
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.8253, 79.4747, 74.1327



49.6463, 77.4475, 68.1939



52.1650, 66.0871, 104.6144



18.3080, 20.3827, 21.9248



22.9616, 39.0812, 28.7467



2.2841, 3.8246, 3.0541

Inverse Universe

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



52.4590, 34.4981, 34.0316



48.2096, 28.5272, 24.8220



52.7723, 39.9078, 19.3906



18.2347, 18.0772, 19.8529



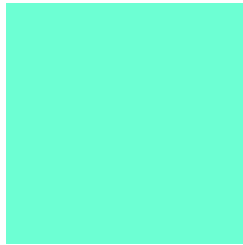
22.3033, 11.4106, 4.9815



2.2175, 1.1294, 0.7267

Previews

White Background



This preview shows how the XYZ color 53.8245, 79.4744, 74.1313 looks on a white background.

Color Contrast Check

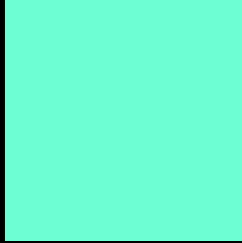
Large Text (above 18pt) WCAG AA × Fail

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 53.8245, 79.4744, 74.1313 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 53.8245, 79.4744, 74.1313

Background



This preview shows how black text looks on a background with the XYZ color 53.8245, 79.4744, 74.1313.

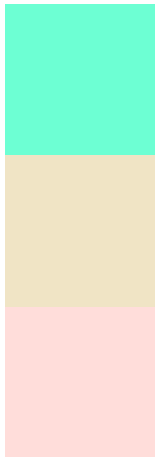


This preview shows how white text looks on a background with the XYZ color 53.8245, 79.4744,

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

53.8245, 79.4744, 74.1313

Protanopia

73.7566, 78.0433, 63.9998

Deuteranopia

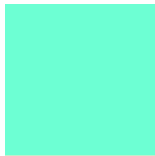
79.7513, 78.0349, 77.1886



Tritanopia

66.0829, 78.6766, 106.3109

Trichromacy



Original Color

53.8245, 79.4744, 74.1313



Protanomaly

62.9734, 76.6198, 67.3472



Deuteranomaly

65.7618, 75.7407, 75.4434



Tritanomaly

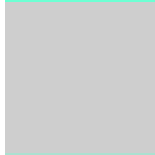
60.7485, 78.4394, 93.5999

Monochromacy



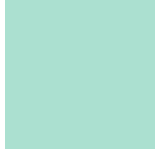
Original Color

53.8245, 79.4744, 74.1313



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.8354, 66.5233, 69.6247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8245, 79.4744, 74.1313 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(109, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(109, 255, 211)  
}
```

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(109, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 53.8245, 79.4744, 74.1313 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(109, 255, 211) }
```


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

```
.border{ border-color:rgb(109, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(109, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8245, 79.4744, 74.1313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 255, 211) }
```

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

```
.background{ background-color: rgb(109,  
255, 211) }
```

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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