

Converting Colors

XYZ(52.6659, 76.5841, 95.1225)

Have a look what the booklet for
XYZ(52.6659, 76.5841, 95.1225)
contains.

XYZ(52.6211, 76.5035, 95.2123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.6211, 76.5035,
95.2123)**

Conversions

Conversions Part 1

Format	Color
Hex	42FBF1
RGB	66, 251, 241
RGB Percent	26%, 98%, 95%
CMY	0.7411, 0.0157, 0.0549
CMYK	0.74, 0.00, 0.04, 0.02
HSL	177°, 96%, 62%
HSV	177°, 74%, 98%
XYZ	52.6211, 76.5035, 95.2123
YIQ	194.5450, -107.0500, -42.3300

Conversions

Conversions Part 2

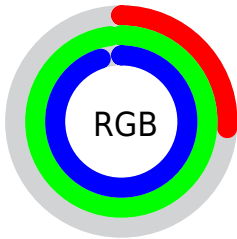
Format	Color
RYB	66, 161, 251
Decimal	4389873
CIELab	90.09, -46.74, -8.33
CIElCh	90, 47.473, 190.111
Yxy	76.5035, 0.2346, 0.3410
Android (android.graphics.Color)	4282579953 (0xFF42FBF1)
YUV	194.5450, 22.9023, -112.7340
Hunter-Lab	87.4663, -45.6776, -3.3143

Details

The XYZ color **52.6211, 76.5035, 95.2123** 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 **43.0389, 24.9297, 9.3835**, and the grayscale version is **51.5180, 54.2009, 59.0248**.

A 20% lighter version of the original color is **64.7945, 84.4027, 107.4841**, and **28.0487, 42.0864, 52.5441** is the 20% darker color. If you saturate the color by 10%, you get **51.0847, 75.7365, 94.0877**, and if you desaturate by 10%, it is **54.9048, 77.6590, 96.3832**.

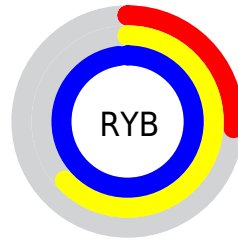
Distribution



Red (26%)

Green (98%)

Blue (95%)



Red (26%)

Yellow (63%)

Blue (98%)

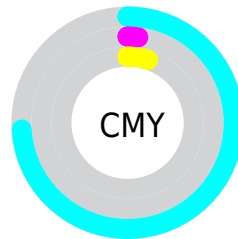


Cyan (74%)

Magenta (0%)

Yellow (4%)

Black (2%)



Cyan (74%)


Magenta (2%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6211, 76.5035, 95.2123 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 52.6211, 76.5035, 95.2123 by changing the saturation by 10% instead.


 52.6211, 76.5035,
95.2123


 52.6211, 76.5035,
95.2123


387.1144,
483.0695, 565.8461


 37.7266, 56.8455,
71.7138


 93.2154, 128.4384,
156.5560

 25.9468, 40.8812,
52.4395


 119.6460,
161.4840, 195.2383

 16.9164, 28.2263,
36.9709


 150.6526,
199.7610, 239.8189

 10.2698, 18.4963,
24.8893

 186.6007,
243.6537, 290.7164

 5.6418, 11.3069,
15.7764

227.8555,
293.5465, 348.3493

 2.6671, 6.2736,
9.2134

274.7826,

 0.9803, 3.0122,

349.8238, 413.1362

4.7819

327.7471,
412.8700, 485.4956

■ 0.0000, 1.1381,
2.0634

■ 0.0000, 0.0103,
0.5939

■ 52.6211, 76.5035,
95.2123

■ 52.6211, 76.5035,
95.2123

■ 51.0847, 75.7365,
94.0877

■ 54.9048, 77.6590,
96.3832


■ 50.1838, 75.2952,
92.9990


■ 58.0151, 79.2387,
97.5989


■ 49.8478, 75.1365,
92.3281

■ 62.0287, 81.2840,
98.8648


■ 67.0117, 83.8287,
100.1841

 73.0239, 86.9039,
101.5594

 80.1204, 90.5379,
102.9935

 88.3524, 94.7571,
104.4887

 93.2867, 97.2761,
105.8375

 93.5024, 97.3624,
106.9736

Harmonies

Analogous

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



53.4304, 76.5035, 63.1266



52.6211, 76.5035, 95.2123



56.7337, 76.5035, 132.4605

Triad

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



52.6211, 76.5035, 95.2123



88.3020, 76.5035, 143.3969



80.6934, 76.5035, 35.9850

Complementary

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



52.6211, 76.5035, 95.2123



43.0389, 24.9297, 9.3835

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.



91.4450, 76.5035, 48.1117



52.6211, 76.5035, 95.2123



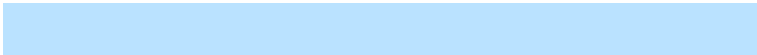
96.1558, 76.5035, 107.3679

Square

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



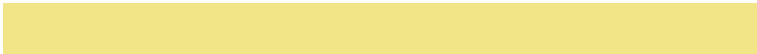
52.6211, 76.5035, 95.2123



76.7630, 76.5035, 164.8500



97.3643, 76.5035, 72.4239



68.8105, 76.5035, 34.3748

Rectangle

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



52.6211, 76.5035, 95.2123



62.0033, 76.5035, 153.1301



97.3643, 76.5035, 72.4239



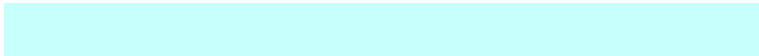
84.5928, 76.5035, 38.7730

Sweetspot

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



52.6234, 76.5064, 95.2141



76.8521, 90.6746, 105.5193



38.6523, 71.0245, 16.8280



16.0532, 19.2053, 22.5008



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.



52.6234, 76.5064, 95.2141



52.4707, 78.2682, 97.0307



34.1935, 37.1895, 96.6461



17.7229, 19.5914, 22.0073



26.2191, 39.5006, 48.6243



2.4404, 3.6633, 4.5669

Inverse Universe

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



43.0389, 24.9297, 9.3835



42.1508, 22.3917, 4.3603



51.0746, 41.5151, 10.4773



17.2826, 17.2404, 18.0782



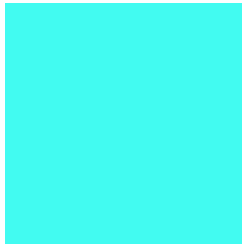
20.9678, 10.8028, 1.2730



1.9549, 1.0057, 0.1861

Previews

White Background



This preview shows how the XYZ color 52.6211, 76.5035, 95.2123 looks on a white background.

Color Contrast Check

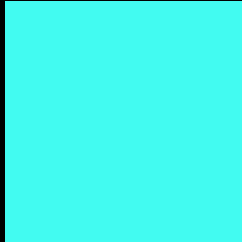
Large Text (above 18pt) WCAG AA × Fail

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 52.6211, 76.5035, 95.2123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

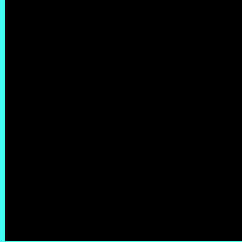
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

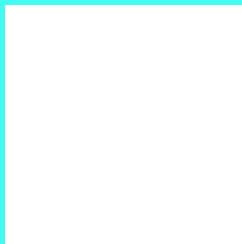
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6211, 76.5035, 95.2123

Background



This preview shows how black text looks on a background with the XYZ color 52.6211, 76.5035, 95.2123.

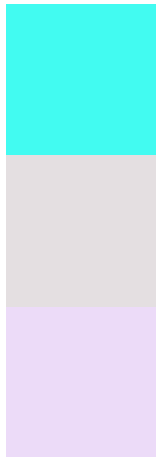


This preview shows how white text looks on a background with the XYZ color 52.6211, 76.5035,

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

52.6211, 76.5035, 95.2123

Protanopia

71.9732, 74.7056, 81.8604

Deuteranopia

76.8669, 75.2732, 99.2848



Tritanopia

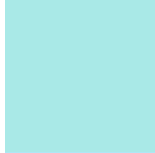
60.8871, 75.5599, 105.9832

Trichromacy



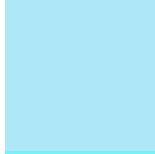
Original Color

52.6211, 76.5035, 95.2123



Protanomaly

59.9249, 72.4824, 86.4334



Deuteranomaly

62.5129, 72.7431, 97.1322



Tritanomaly

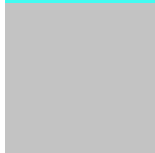
56.8085, 75.3165, 101.9859

Monochromacy



Original Color

52.6211, 76.5035, 95.2123



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

48.3968, 59.6502, 71.2502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6211, 76.5035, 95.2123 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(66, 251, 241)` looks like.

```
.text, #text, p{  
    color:rgb(66, 251, 241)  
}
```

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(66, 251, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 251, 241) }
```

Border

The CSS property to change the border of an element to XYZ 52.6211, 76.5035, 95.2123 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(66, 251, 241) }
```


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

```
.border{ border-color:rgb(66, 251, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 251, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 251, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 251, 241);  
box-shadow:4px 4px 4px 4px rgb(66, 251,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6211, 76.5035, 95.2123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 251, 241) }
```

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

```
.background{ background-color: rgb(66, 251,  
241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor