

Converting Colors

XYZ(52.7048, 75.9145,
106.4829)

Have a look what the booklet for
XYZ(52.7048, 75.9145, 106.4829)
contains.

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Color

**XYZ(52.6616, 75.8108,
106.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	1AFAFF
RGB	26, 250, 255
RGB Percent	10%, 98%, 100%
CMY	0.8979, 0.0196, 0.0000
CMYK	0.90, 0.02, 0.00, 0.00
HSL	181°, 100%, 55%
HSV	181°, 90%, 100%
XYZ	52.6616, 75.8108, 106.4651
YIQ	183.5940, -135.1090, -45.9330

Conversions

Conversions Part 2

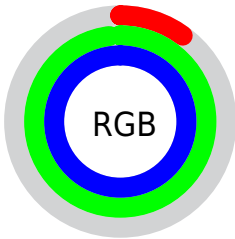
Format	Color
R_{YB}	26, 139, 255
Decimal	1768191
CIE _{Lab}	89.77, -45.25, -16.14
CIE _{LCh}	90, 48.039, 199.637
Yxy	75.8108, 0.2242, 0.3227
Android (android.graphics.Color)	4279958271 (0xFF1AFAFF)
YUV	183.5940, 35.2032, -138.2099
Hunter-Lab	87.0694, -44.4105, -11.5489

Details

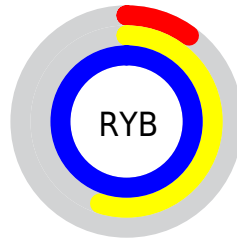
The XYZ color **52.6616, 75.8108, 106.4651** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.9178, 22.3165, 3.0777**, and the grayscale version is **45.2087, 47.5630, 51.7961**.

A 20% lighter version of the original color is **62.2674, 83.1000, 107.3658**, and **29.2630, 42.2171, 60.0325** is the 20% darker color. If you saturate the color by 10%, you get **52.0708, 75.2515, 106.3883**, and if you desaturate by 10%, it is **53.8024, 76.6576, 106.5685**.

Distribution



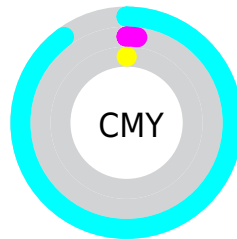
- Red (10%)
- Green (98%)
- Blue (100%)



- Red (10%)
- Yellow (55%)
- Blue (100%)



- Cyan (90%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (90%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6616, 75.8108, 106.4651 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 52.6616, 75.8108, 106.4651 by changing the saturation by 10% instead.


 52.6616, 75.8108,
106.4651


 52.6616, 75.8108,
106.4651


387.2676,
480.6998, 602.1503


 37.7591, 56.2774,
81.0638


 93.2747, 127.4594,
172.1428

 25.9721, 40.4254,
60.0629


 119.7160,
160.3434, 213.2563

 16.9354, 27.8703,
43.0437


 150.7343,
198.4464, 260.4443

 10.2834, 18.2279,
29.5877

 186.6948,
242.1527, 314.1253

 5.6510, 11.1138,
19.2765

227.9631,
291.8469, 374.7178

 2.6727, 6.1434,
11.6914

274.9044,

 0.9831, 2.9325,

347.9131, 442.6405

6.4139

327.8841,
410.7360, 518.3118

■ 0.0000, 1.0966,
3.0255

■ 0.0000, 0.0000,
1.1077

■ 52.6616, 75.8108,
106.4651

■ 52.6616, 75.8108,
106.4651

■ 52.0708, 75.2515,
106.3883

■ 53.8024, 76.6576,
106.5685

■ 52.0604, 75.2408,
106.3868

■ 55.6472, 77.8665,
106.7046

■ 58.2984, 79.4918,
106.8786

■ 61.8402, 81.5771,
107.0944

66.3463, 84.1602,
107.3555

71.8826, 87.2751,
107.6649

78.5092, 90.9529,
108.0255

86.2817, 95.2222,
108.4399

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.



51.8920, 75.8108, 71.3577



52.6616, 75.8108, 106.4651



58.2882, 75.8108, 142.8940

Triad

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



52.6616, 75.8108, 106.4651



90.8421, 75.8108, 132.4095



76.2314, 75.8108, 33.5677

Complementary

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



52.6616, 75.8108, 106.4651



41.9178, 22.3165, 3.0777

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.



87.8369, 75.8108, 42.1494



52.6616, 75.8108, 106.4651



96.8646, 75.8108, 94.8446

Square

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



52.6616, 75.8108, 106.4651



79.9847, 75.8108, 160.4886



95.7082, 75.8108, 62.5064



64.6692, 75.8108, 35.0884

Rectangle

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



52.6616, 75.8108, 106.4651



64.4170, 75.8108, 160.0484



95.7082, 75.8108, 62.5064



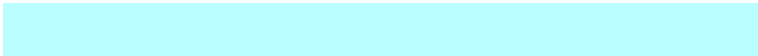
80.2760, 75.8108, 35.2485

Sweetspot

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



52.6637, 75.8135, 106.4655



73.6187, 88.2430, 107.7602



36.4194, 71.8331, 13.1642



15.3050, 18.6353, 23.0403



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.



52.6637, 75.8135, 106.4655



52.0604, 75.2408, 106.3868



27.3804, 25.2471, 98.0378



18.5189, 20.4094, 23.2133



27.2181, 39.3457, 55.5945



2.6605, 3.8517, 5.4165

Inverse Universe

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



58.8661, 28.9028, 92.9216



58.4069, 28.1268, 92.3295



51.4509, 41.3829, 6.2554



18.7746, 18.2931, 22.6959



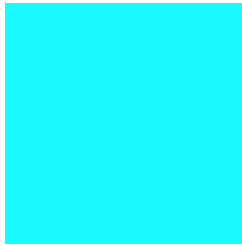
30.5266, 14.6999, 48.2851



2.9775, 1.4334, 4.7290

Previews

White Background



This preview shows how the XYZ color 52.6616, 75.8108, 106.4651 looks on a white background.

Color Contrast Check

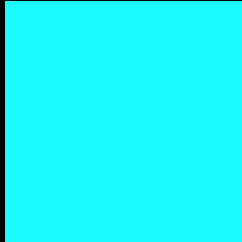
Large Text (above 18pt) WCAG AA × Fail

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 52.6616, 75.8108, 106.4651 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 52.6616, 75.8108, 106.4651

Background



This preview shows how black text looks on a background with the XYZ color 52.6616, 75.8108, 106.4651.

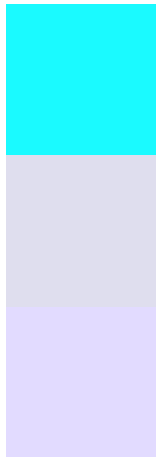


This preview shows how white text looks on a background with the XYZ color 52.6616, 75.8108,

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

52.6616, 75.8108, 106.4651

Protanopia

71.9853, 74.1036, 91.3983

Deuteranopia

74.7455, 74.0518, 104.9617



Tritanopia

59.8218, 75.4490, 106.0179

Trichromacy



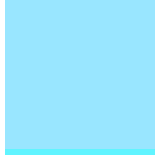
Original Color

52.6616, 75.8108, 106.4651



Protanomaly

57.9482, 70.8242, 96.2042



Deuteranomaly

59.4837, 70.5859, 105.0971



Tritanomaly

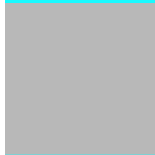
55.3304, 74.4628, 106.0643

Monochromacy



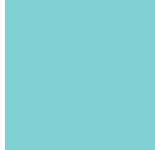
Original Color

52.6616, 75.8108, 106.4651



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.9411, 54.2769, 69.1860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6616, 75.8108, 106.4651 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(26, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 250, 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(26, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6616, 75.8108, 106.4651 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(26, 250, 255) }
```


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

```
.border{ border-color:rgb(26, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6616, 75.8108, 106.4651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 250, 255) }
```

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

```
.background{ background-color: rgb(26, 250,  
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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