

Converting Colors

XYZ(52.5157, 76.3414,
100.4315)

Have a look what the booklet for
XYZ(52.5157, 76.3414, 100.4315)
contains.

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Color

**XYZ(52.5672, 76.3525,
100.7739)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 2EFBF8 |
| RGB | 46, 251, 248 |
| RGB Percent | 18%, 98%, 97% |
| CMY | 0.8195, 0.0157, 0.0274 |
| CMYK | 0.82, 0.00, 0.01, 0.02 |
| HSL | 179°, 96%, 58% |
| HSV | 179°, 82%, 98% |
| XYZ | 52.5672, 76.3525, 100.7739 |
| YIQ | 189.3630, -121.2170, -44.3930 |

Conversions

Conversions Part 2

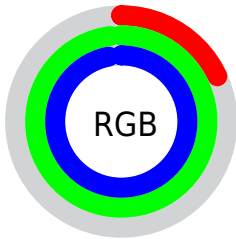
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 46, 149, 251 |
| Decimal | 3079160 |
| CIELab | 90.02, -46.57, -12.11 |
| CIElCh | 90, 48.123, 194.573 |
| Yxy | 76.3525, 0.2289, 0.3324 |
| Android (android.graphics.Color) | 4281269240 (0xFF2EFBF8) |
| YUV | 189.3630, 28.9080, -125.7294 |
| Hunter-Lab | 87.3799, -45.5304, -7.2123 |

Details

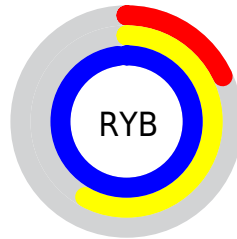
The XYZ color **52.5672, 76.3525, 100.7739** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.3176, 22.6874, 5.1096**, and the grayscale version is **48.4713, 50.9956, 55.5342**.

A 20% lighter version of the original color is **63.1701, 83.5653, 107.4080**, and **28.8062, 42.3893, 56.5329** is the 20% darker color. If you saturate the color by 10%, you get **51.6924, 75.9098, 100.4373**, and if you desaturate by 10%, it is **54.1064, 77.1410, 101.1457**.

Distribution



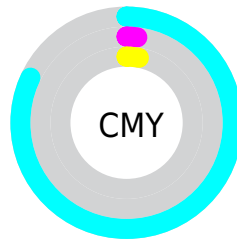
- Red (18%)
- Green (98%)
- Blue (97%)



- Red (18%)
- Yellow (58%)
- Blue (98%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)




- Cyan (82%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5672, 76.3525, 100.7739 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 52.5672, 76.3525, 100.7739 by changing the saturation by 10% instead.


 52.5672, 76.3525,
100.7739


 52.5672, 76.3525,
100.7739


386.9105,
482.5535, 583.9389

 37.6835, 56.7216,
76.3265

 93.1365, 128.2251,
164.2814


 25.9132, 40.7818,
56.1920


 119.5528,
161.2355, 204.1787

 16.8911, 28.1486,
39.9519


 150.5439,
199.4746, 250.0630

 10.2517, 18.4377,
27.1875

 186.4753,
243.3267, 302.3528

 5.6297, 11.2647,
17.4804

227.7123,
293.1763, 361.4668

 2.6597, 6.2452,
10.4121

274.6203,

 0.9765, 2.9947,

349.4077, 427.8235

5.5638

327.5646,
412.4053, 501.8413

■ 0.0000, 1.1290,
2.5173

■ 0.0000, 0.0025,
0.8493

■ 52.5672, 76.3525,
100.7739

■ 52.5672, 76.3525,
100.7739

■ 51.6924, 75.9098,
100.4373

■ 54.1064, 77.1410,
101.1457

■ 51.3375, 75.7323,
100.1732

■ 56.4034, 78.3186,
101.5518

■ 59.5438, 79.9309,
101.9979

■ 63.6002, 82.0154,
102.4875

■ 68.6371, 84.6054,
103.0236

■ 74.7134, 87.7312,
103.6089

■ 81.8834, 91.4208,
104.2460

■ 90.1974, 95.7001,
104.9372

■ 93.1998, 97.2412,
105.3805

Harmonies

Analogous

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



52.6385, 76.3525, 66.8642



52.5672, 76.3525, 100.7739



57.4340, 76.3525, 138.2524

Triad

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



52.5672, 76.3525, 100.7739



89.8788, 76.3525, 139.2254



78.8415, 76.3525, 34.5461

Complementary

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



52.5672, 76.3525, 100.7739



41.3176, 22.6874, 5.1096

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.



90.1576, 76.3525, 45.0446



52.5672, 76.3525, 100.7739



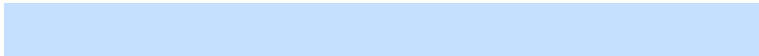
96.9896, 76.3525, 101.8517

Square

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



52.5672, 76.3525, 100.7739



78.4934, 76.3525, 164.2451



97.0969, 76.3525, 67.6845



66.9538, 76.3525, 34.4054

Rectangle

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



52.5672, 76.3525, 100.7739



63.1658, 76.3525, 157.6478



97.0969, 76.3525, 67.6845



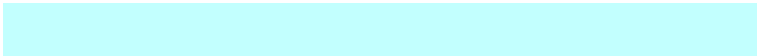
82.8658, 76.3525, 36.8185

Sweetspot

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



52.5695, 76.3554, 100.7757



75.8629, 90.1253, 107.2506



36.2797, 69.8579, 14.1587



15.7499, 19.0395, 22.9094



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.



52.5695, 76.3554, 100.7757



53.2901, 78.5394, 103.8993



29.7574, 29.9798, 95.4881



17.7542, 19.6040, 22.1723



26.9893, 39.8087, 52.6804



2.5031, 3.6883, 4.8972

Inverse Universe

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



41.3176, 22.6874, 5.1096



41.3433, 21.3899, 2.2012



50.4185, 40.9874, 7.8409



17.2549, 17.2293, 17.9323



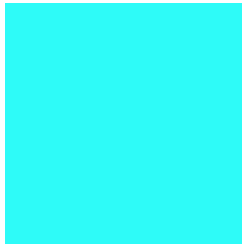
20.9271, 10.7865, 1.0584



1.9417, 1.0004, 0.1165

Previews

White Background



This preview shows how the XYZ color 52.5672, 76.3525, 100.7739 looks on a white background.

Color Contrast Check

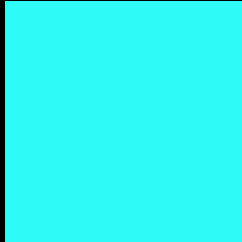
Large Text (above 18pt) WCAG AA × Fail

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 52.5672, 76.3525, 100.7739 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

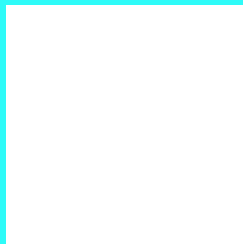
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5672, 76.3525, 100.7739

Background



This preview shows how black text looks on a background with the XYZ color 52.5672, 76.3525, 100.7739.

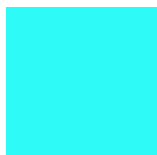


This preview shows how white text looks on a background with the XYZ color 52.5672, 76.3525,

Color Blindness Simulation

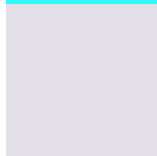
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52.5672, 76.3525, 100.7739



Protanopia

72.1755, 74.7136, 86.2184



Deuteranopia

76.6602, 75.0388, 105.0513



Tritanopia

60.6606, 75.8814, 106.0572

Trichromacy



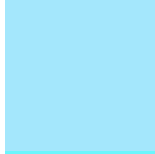
Original Color

52.5672, 76.3525, 100.7739



Protanomaly

59.1229, 71.9693, 90.8961



Deuteranomaly

61.4564, 72.0726, 102.7678



Tritanomaly

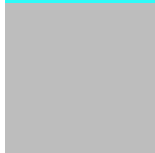
56.2865, 75.4589, 103.6939

Monochromacy



Original Color

52.5672, 76.3525, 100.7739



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.4929, 57.0585, 69.5884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5672, 76.3525, 100.7739 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(46, 251, 248)` looks like.

```
.text, #text, p{  
    color:rgb(46, 251, 248)  
}
```

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(46, 251, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 251, 248) }
```

Border

The CSS property to change the border of an element to XYZ 52.5672, 76.3525, 100.7739 is called "border". The border property can be set on classes, ids or directly on the HTML element.

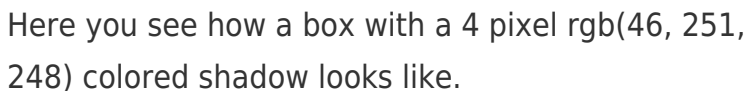
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 251, 248) }
```


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

```
.border{ border-color:rgb(46, 251, 248) }
```

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



Here you see how a box with a 4 pixel rgb(46, 251, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 251, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 251, 248);  
box-shadow:4px 4px 4px 4px rgb(46, 251,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5672, 76.3525, 100.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 251, 248) }
```

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

```
.background{ background-color: rgb(46, 251,  
248) }
```

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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