

Converting Colors

XYZ(56.3712, 79.3784,
106.9582)

Have a look what the booklet for
XYZ(56.3712, 79.3784, 106.9582)
contains.

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Color

**XYZ(56.5524, 79.6814,
107.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	4DFEFF
RGB	77, 254, 255
RGB Percent	30%, 100%, 100%
CMY	0.6980, 0.0039, 0.0000
CMYK	0.70, 0.00, 0.00, 0.00
HSL	180°, 100%, 65%
HSV	180°, 70%, 100%
XYZ	56.5524, 79.6814, 107.0072
YIQ	201.1910, -105.8130, -37.2130

Conversions

Conversions Part 2

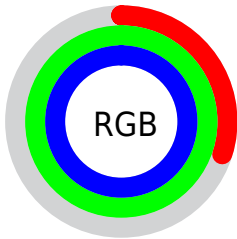
Format	Color
RYB	77, 166, 255
Decimal	5111551
CIELab	91.54, -43.00, -13.43
CIElCh	92, 45.049, 197.342
Yxy	79.6814, 0.2325, 0.3276
Android (android.graphics.Color)	4283301631 (0xFF4DFEFF)
YUV	201.1910, 26.5278, -108.9155
Hunter-Lab	89.2644, -43.1263, -8.5897

Details

The XYZ color **56.5524, 79.6814, 107.0072** 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 **45.3049, 27.2459, 9.8945**, and the grayscale version is **55.5264, 58.4181, 63.6173**.

A 20% lighter version of the original color is **66.2044, 85.1296, 107.5500**, and **30.1593, 44.0097, 60.3312** is the 20% darker color. If you saturate the color by 10%, you get **54.8389, 78.7326, 106.9143**, and if you desaturate by 10%, it is **59.0760, 81.0514, 107.1386**.

Distribution



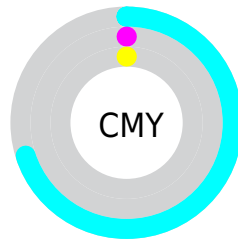
- Red (30%)
- Green (100%)
- Blue (100%)



- Red (30%)
- Yellow (65%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5524, 79.6814, 107.0072 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 56.5524, 79.6814, 107.0072 by changing the saturation by 10% instead.

56.5524, 79.6814,
107.0072

56.5524, 79.6814,
107.0072

401.8113,
493.8585, 603.8698

40.8847, 59.4562,
81.5159

98.9469, 132.9177,
172.8894

28.4163, 42.9805,
60.4331

126.4045,
166.6976, 214.1174

18.7818, 29.8698,
43.3402

158.5227,
205.7645, 261.4280

11.6158, 19.7398,
29.8188

195.6669,
250.5029, 315.2399

6.5529, 12.2060,
19.4502

238.2026,
301.2971, 375.9714

3.2279, 6.8842,
11.8159

286.4949,

1.2754, 3.3898,

358.5315, 444.0412

6.4975

340.9094,
422.5905, 519.8679

■ 0.1647, 1.3384,
3.0762

■ 0.0000, 0.1707,
1.1337

■ 56.5524, 79.6814,
107.0072

■ 56.5524, 79.6814,
107.0072

■ 54.8389, 78.7326,
106.9143

■ 59.0760, 81.0514,
107.1386

■ 53.8288, 78.1447,
106.8541

■ 62.4875, 82.8774,
107.3112

■ 53.3637, 77.8378,
106.8194

■ 66.8627, 85.2003,
107.5290

■ 53.3564, 77.8327,
106.8188

■ 72.2676, 88.0540,
107.7950

■ 78.7623, 91.4696,
108.1119

■ 86.4023, 95.4757,
108.4825

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.



56.1688, 79.6814, 73.6267



56.5524, 79.6814, 107.0072



61.7360, 79.6814, 142.0700

Triad

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



56.5524, 79.6814, 107.0072



93.1616, 79.6814, 137.0531



80.6772, 79.6814, 38.5293

Complementary

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



56.5524, 79.6814, 107.0072



45.3049, 27.2459, 9.8945

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.



91.7043, 79.6814, 48.0682



56.5524, 79.6814, 107.0072



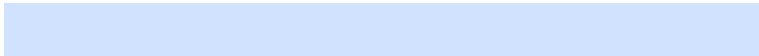
99.3865, 79.6814, 101.3679

Square

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



56.5524, 79.6814, 107.0072



82.5090, 79.6814, 162.2047



98.8277, 79.6814, 69.2420



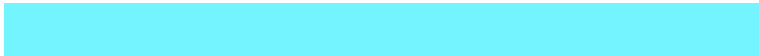
69.3419, 79.6814, 39.3132

Rectangle

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



56.5524, 79.6814, 107.0072



67.5430, 79.6814, 159.1793



98.8277, 79.6814, 69.2420



84.5635, 79.6814, 40.5086

Sweetspot

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



56.5545, 79.6843, 107.0076



77.9230, 91.0289, 108.0711



40.1615, 73.6343, 19.1195



16.2789, 19.2738, 23.1122



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.



56.5545, 79.6843, 107.0076



54.3352, 78.4447, 106.8853



34.7488, 36.0729, 99.7390



18.5457, 20.4630, 23.2222



27.8839, 40.6773, 55.8165



2.7177, 3.9660, 5.4356

Inverse Universe

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



61.7847, 33.7254, 97.0223



59.8836, 29.9751, 96.2286



56.2173, 49.0706, 13.5320



18.7881, 18.2985, 22.7672



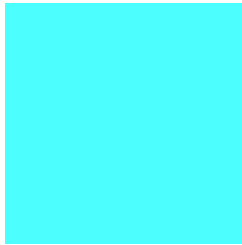
30.8627, 14.8344, 50.0548



3.0064, 1.4449, 4.8809

Previews

White Background



This preview shows how the XYZ color 56.5524, 79.6814, 107.0072 looks on a white background.

Color Contrast Check

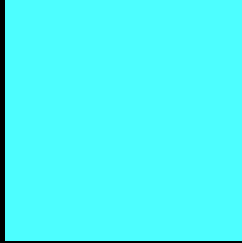
Large Text (above 18pt) WCAG AA × Fail

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 56.5524, 79.6814, 107.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

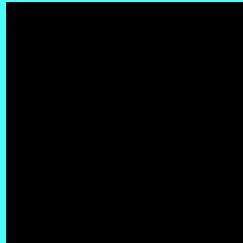
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

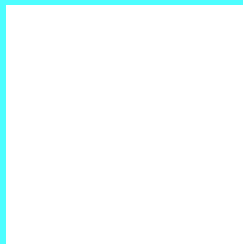
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5524, 79.6814, 107.0072

Background



This preview shows how black text looks on a background with the XYZ color 56.5524, 79.6814, 107.0072.

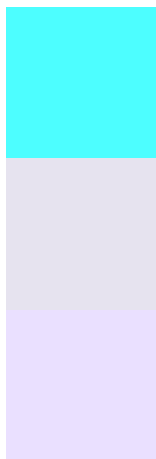


This preview shows how white text looks on a background with the XYZ color 56.5524, 79.6814,

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

56.5524, 79.6814, 107.0072

Protanopia

75.6822, 77.9932, 92.7267

Deuteranopia

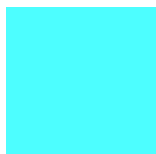
78.6373, 78.0237, 105.5232



Tritanopia

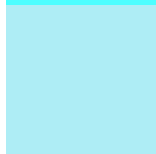
65.3192, 78.7236, 106.3602

Trichromacy



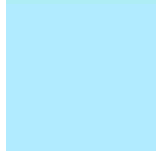
Original Color

56.5524, 79.6814, 107.0072



Protanomaly

64.2212, 76.1596, 97.7017



Deuteranomaly

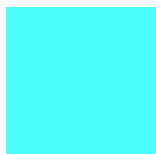
65.8898, 75.9838, 105.8013



Tritanomaly

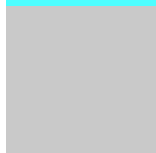
60.6786, 78.1181, 106.4879

Monochromacy



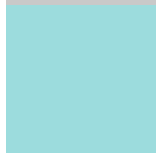
Original Color

56.5524, 79.6814, 107.0072



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

52.3546, 63.4748, 77.8991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5524, 79.6814, 107.0072 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(77, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 254, 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(77, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.5524, 79.6814, 107.0072 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(77, 254, 255) }
```


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

```
.border{ border-color:rgb(77, 254, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5524, 79.6814, 107.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 254, 255) }
```

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

```
.background{ background-color: rgb(77, 254,  
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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