

Converting Colors

XYZ(55.0028, 79.3748,
106.1260)

Have a look what the booklet for
XYZ(55.0028, 79.3748, 106.1260)
contains.

XYZ(55.0146, 79.3796, 106.1881)	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(55.0146, 79.3796,
106.1881)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFFE
RGB	51, 255, 254
RGB Percent	20%, 100%, 100%
CMY	0.7999, 0.0000, 0.0039
CMYK	0.80, 0.00, 0.00, 0.00
HSL	180°, 100%, 60%
HSV	180°, 80%, 100%
XYZ	55.0146, 79.3796, 106.1881
YIQ	193.8900, -121.2630, -43.5590

Conversions

Conversions Part 2

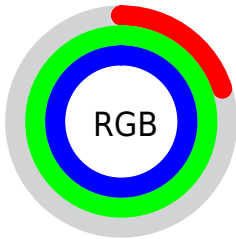
Format	Color
R_{YB}	51, 153, 255
Decimal	3407870
CIE _{Lab}	91.41, -46.26, -13.15
CIE _{LCh}	91, 48.096, 195.872
Yxy	79.3796, 0.2287, 0.3299
Android (android.graphics.Color)	4281597950 (0xFF33FFFE)
YUV	193.8900, 29.6342, -125.3145
Hunter-Lab	89.0952, -45.6963, -8.2981

Details

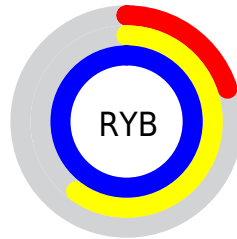
The XYZ color **55.0146, 79.3796, 106.1881** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.0448, 23.8773, 5.5907**, and the grayscale version is **51.0975, 53.7586, 58.5431**.

A 20% lighter version of the original color is **63.8017, 83.8909, 107.4376**, and **30.0443, 43.9637, 59.7257** is the 20% darker color. If you saturate the color by 10%, you get **54.0435, 78.8812, 106.0398**, and if you desaturate by 10%, it is **56.6914, 80.2416, 106.3724**.

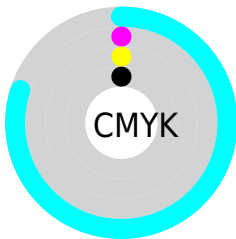
Distribution



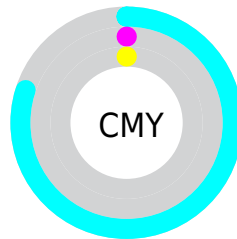
- Red (20%)
- Green (100%)
- Blue (100%)



- Red (20%)
- Yellow (60%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0146, 79.3796, 106.1881 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 55.0146, 79.3796, 106.1881 by changing the saturation by 10% instead.


 55.0146, 79.3796,
106.1881


 55.0146, 79.3796,
106.1881


396.1028,
492.8396, 601.2706


 39.6473, 59.2080,
80.8329


 96.7105, 132.4931,
171.7612


 27.4466, 42.7806,
59.8738


 123.7699,
166.2038, 212.8160

 18.0473, 29.7130,
42.8923


 155.4573,
205.1963, 259.9412

 11.0838, 19.6208,
29.4698

 192.1381,
249.8550, 313.5553

 6.1910, 12.1197,
19.1879

234.1778,
300.5643, 374.0767

 3.0033, 6.8253,
11.6279

281.9415,

 1.1555, 3.3531,

357.7085, 441.9240

6.3714

335.7947,
421.6722, 517.5158

■ 0.0708, 1.3187,
2.9998

■ 0.0000, 0.1556,
1.0945

■ 55.0146, 79.3796,
106.1881

■ 55.0146, 79.3796,
106.1881

■ 54.0435, 78.8812,
106.0398

■ 56.6914, 80.2416,
106.3724

■ 53.6099, 78.6600,
105.9153

■ 59.1711, 81.5177,
106.5929

■ 53.6097, 78.6599,
105.9152

■ 62.5394, 83.2517,
106.8550

■ 66.8699, 85.4819,
107.1623

■ 72.2288, 88.2422,
107.5177

■ 78.6765, 91.5638,
107.9242

■ 86.2684, 95.4752,
108.3842

■ 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.



54.8647, 79.3796, 71.0129



55.0146, 79.3796, 106.1881



60.2312, 79.3796, 144.3415

Triad

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



55.0146, 79.3796, 106.1881



93.6164, 79.3796, 142.3109



81.3344, 79.3796, 36.1913

Complementary

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



55.0146, 79.3796, 106.1881



43.0448, 23.8773, 5.5907

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.



93.0333, 79.3796, 46.5436



55.0146, 79.3796, 106.1881



100.6260, 79.3796, 103.9331

Square

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



55.0146, 79.3796, 106.1881



82.0634, 79.3796, 168.7382



100.4017, 79.3796, 69.2902



69.1979, 79.3796, 36.4890

Rectangle

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



55.0146, 79.3796, 106.1881



66.2381, 79.3796, 163.6111



100.4017, 79.3796, 69.2902



85.4742, 79.3796, 38.3872

Sweetspot

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



55.0158, 79.3801, 106.1896



75.9586, 90.1636, 107.7550



37.9017, 72.5550, 15.1409



15.7734, 19.0489, 23.0333



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.



55.0158, 79.3801, 106.1896



53.7454, 78.7289, 105.9632



31.3732, 31.8385, 99.0996



18.5509, 20.4799, 23.2038



28.0140, 41.1022, 55.3523



2.7288, 4.0025, 5.3958

Inverse Universe

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



43.0448, 23.8773, 5.5907



41.4134, 21.5065, 2.2973



52.6820, 43.1873, 8.6933



18.0130, 17.9885, 18.6859



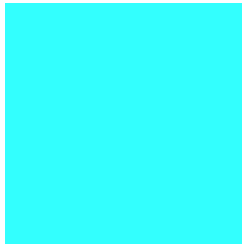
21.5539, 11.1109, 1.0355



2.0998, 1.0823, 0.1072

Previews

White Background



This preview shows how the XYZ color 55.0146, 79.3796, 106.1881 looks on a white background.

Color Contrast Check

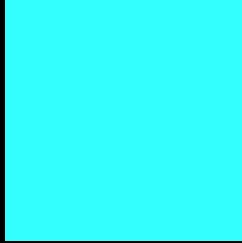
Large Text (above 18pt) WCAG AA × Fail

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 55.0146, 79.3796, 106.1881 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 55.0146, 79.3796, 106.1881

Background



This preview shows how black text looks on a background with the XYZ color 55.0146, 79.3796, 106.1881.



This preview shows how white text looks on a background with the XYZ color 55.0146, 79.3796,

Color Blindness Simulation

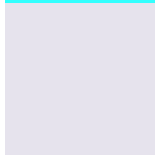
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

55.0146, 79.3796, 106.1881



Protanopia

75.3883, 77.8756, 91.1789



Deuteranopia

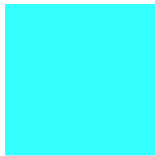
78.6373, 78.0237, 105.5232



Tritanopia

64.5001, 78.3013, 106.3219

Trichromacy



Original Color

55.0146, 79.3796, 106.1881



Protanomaly

61.9789, 75.0388, 96.0113



Deuteranomaly

63.6947, 74.8522, 105.6986



Tritanomaly

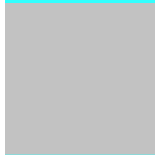
59.1959, 77.8065, 106.5059

Monochromacy



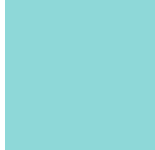
Original Color

55.0146, 79.3796, 106.1881



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

48.1059, 59.8204, 73.9768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0146, 79.3796, 106.1881 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(51, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 254)  
}
```

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(51, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 55.0146, 79.3796, 106.1881 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(51, 255, 254) }
```


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

```
.border{ border-color:rgb(51, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0146, 79.3796, 106.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 254) }
```

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

```
.background{ background-color: rgb(51, 255,  
254) }
```

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