

Converting Colors

XYZ(53.8301, 79.0971, 91.3079)

Have a look what the booklet for
XYZ(53.8301, 79.0971, 91.3079)
contains.

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Color

**XYZ(53.8160, 79.0959,
91.0279)**

Conversions

Conversions Part 1

Format	Color
Hex	4DFFEB
RGB	77, 255, 235
RGB Percent	30%, 100%, 92%
CMY	0.6980, 0.0000, 0.0784
CMYK	0.70, 0.00, 0.08, 0.00
HSL	173°, 100%, 65%
HSV	173°, 70%, 100%
XYZ	53.8160, 79.0959, 91.0279
YIQ	199.4980, -99.6680, -43.9560

Conversions

Conversions Part 2

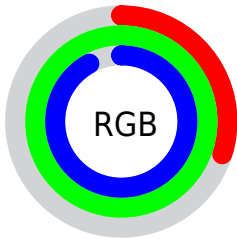
Format	Color
RYB	77, 171, 255
Decimal	5111787
CIELab	91.28, -48.76, -3.45
CIELCh	91, 48.881, 184.044
Yxy	79.0959, 0.2403, 0.3532
Android (android.graphics.Color)	4283301867 (0xFF4DFFEB)
YUV	199.4980, 17.5025, -107.4307
Hunter-Lab	88.9359, -47.6256, 1.5704

Details

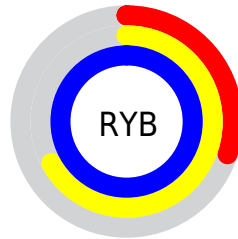
The XYZ color **53.8160, 79.0959, 91.0279** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **46.0527, 27.4324, 14.1791**, and the grayscale version is **54.5324, 57.3724, 62.4785**.

A 20% lighter version of the original color is **66.0227, 85.0359, 107.5415**, and **28.1029, 43.1872, 49.5026** is the 20% darker color. If you saturate the color by 10%, you get **51.7360, 78.0711, 88.7883**, and if you desaturate by 10%, it is **56.7106, 80.5399, 93.3433**.

Distribution



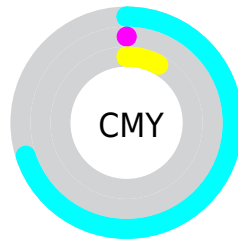
- Red (30%)
- Green (100%)
- Blue (92%)



- Red (30%)
- Yellow (67%)
- Blue (100%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)





- Cyan (70%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8160, 79.0959, 91.0279 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 53.8160, 79.0959, 91.0279 by changing the saturation by 10% instead.


 53.8160, 79.0959,
91.0279


 53.8160, 79.0959,
91.0279


391.6178,
491.8807, 552.0251


 38.6847, 58.9747,
68.2550


 94.9625, 132.0939,
150.7133

 26.6941, 42.5927,
49.6372


 121.7084,
165.7394, 188.4630

 17.4790, 29.5657,
34.7561


 153.0565,
204.6618, 232.0419

 10.6740, 19.5092,
23.1930

 189.3722,
249.2454, 281.8686

 5.9138, 12.0388,
14.5294

231.0208,
299.8748, 338.3618

 2.8329, 6.7701,
8.3469

278.3677,

 1.0660, 3.3187,

356.9342, 401.9399

4.2268

331.7782,
420.8080, 473.0215

■ 0.0000, 1.3003,
1.7505

■ 0.0000, 0.1414,
0.3950

■ 53.8160, 79.0959,
91.0279

■ 53.8160, 79.0959,
91.0279

■ 51.7360, 78.0711,
88.7883

■ 56.7106, 80.5399,
93.3433

■ 50.3671, 77.4121,
86.6152

■ 60.5008, 82.4449,
95.7341

■ 49.5497, 77.0366,
84.5024

■ 65.2614, 84.8493,
98.2054

■ 49.5355, 77.0302,
84.4606

■ 71.0584, 87.7872,
100.7606

■ 77.9520, 91.2896,
103.4025

■ 85.9977, 95.3852,
106.1339

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.



55.7148, 79.0959, 59.5610



53.8160, 79.0959, 91.0279



57.1032, 79.0959, 130.2814

Triad

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



53.8160, 79.0959, 91.0279



89.3309, 79.0959, 155.9921



86.1032, 79.0959, 38.1621

Complementary

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



53.8160, 79.0959, 91.0279



46.0527, 27.4324, 14.1791

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.



96.7141, 79.0959, 53.2733



53.8160, 79.0959, 91.0279



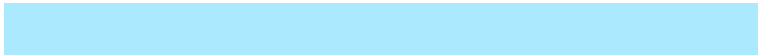
98.7167, 79.0959, 119.5962

Square

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



53.8160, 79.0959, 91.0279



76.8723, 79.0959, 173.7639



101.5560, 79.0959, 81.3956



73.5093, 79.0959, 34.3896

Rectangle

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



53.8160, 79.0959, 91.0279



62.0306, 79.0959, 154.0589



101.5560, 79.0959, 81.3956



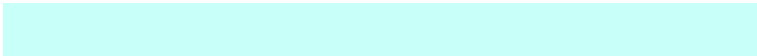
90.0637, 79.0959, 41.8322

Sweetspot

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



53.8171, 79.0965, 91.0294



77.0648, 90.8385, 103.0808



42.1128, 74.6402, 19.2105



16.0716, 19.2279, 21.9061



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.



53.8171, 79.0965, 91.0294



51.0809, 77.7531, 87.8676



38.8331, 44.2416, 101.1005



18.4618, 20.4442, 22.7346



25.9186, 40.2640, 44.3179



2.5476, 3.9300, 4.4414

Inverse Universe

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



46.0527, 27.4324, 14.1791



42.9763, 23.2122, 7.1961



52.7420, 42.1201, 12.3733



18.0923, 18.0202, 19.1034



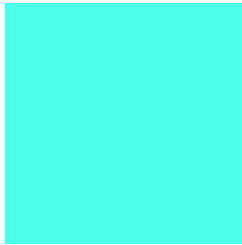
21.6887, 11.1648, 1.7453



2.1374, 1.0973, 0.3048

Previews

White Background



This preview shows how the XYZ color 53.8160, 79.0959, 91.0279 looks on a white background.

Color Contrast Check

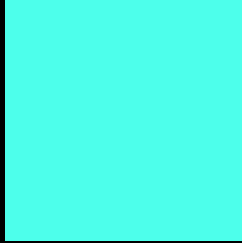
Large Text (above 18pt) WCAG AA × Fail

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 53.8160, 79.0959, 91.0279 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 53.8160, 79.0959, 91.0279

Background



This preview shows how black text looks on a background with the XYZ color 53.8160, 79.0959, 91.0279.



This preview shows how white text looks on a background with the XYZ color 53.8160, 79.0959,

Color Blindness Simulation

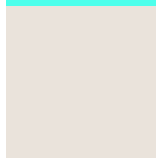
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



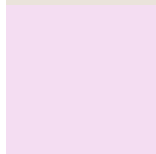
Original Color

53.8160, 79.0959, 91.0279



Protanopia

74.1870, 77.5451, 78.0755



Deuteranopia

79.1917, 77.3568, 94.7619



Tritanopia

64.7024, 78.4056, 106.3314

Trichromacy



Original Color

53.8160, 79.0959, 91.0279



Protanomaly

62.0063, 75.3517, 82.5104



Deuteranomaly

64.2473, 74.5771, 92.6700



Tritanomaly

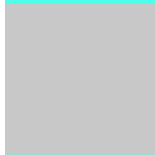
59.5641, 78.1241, 100.7470

Monochromacy



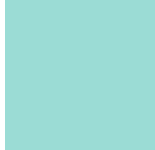
Original Color

53.8160, 79.0959, 91.0279



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

51.1210, 62.9591, 72.4087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8160, 79.0959, 91.0279 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, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(77, 255, 235)  
}
```

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, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 53.8160, 79.0959, 91.0279 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, 255, 235) }
```


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

```
.border{ border-color:rgb(77, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(77, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8160, 79.0959, 91.0279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 255, 235) }
```

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

```
.background{ background-color: rgb(77, 255,  
235) }
```

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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