

Converting Colors

XYZ(53.8219, 78.1501,
106.8555)

Have a look what the booklet for
XYZ(53.8219, 78.1501, 106.8555)
contains.

XYZ(53.9178, 78.3232, 106.8839)	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(53.9178, 78.3232,
106.8839)**

Conversions

Conversions Part 1

Format	Color
Hex	1AFEFF
RGB	26, 254, 255
RGB Percent	10%, 100%, 100%
CMY	0.8979, 0.0039, 0.0000
CMYK	0.90, 0.00, 0.00, 0.00
HSL	180°, 100%, 55%
HSV	180°, 90%, 100%
XYZ	53.9178, 78.3232, 106.8839
YIQ	185.9420, -136.2090, -48.0250

Conversions

Conversions Part 2

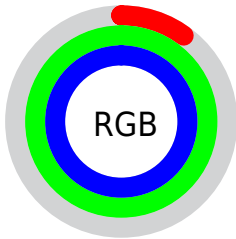
Format	Color
R _Y B	26, 140, 255
Decimal	1769215
CIE Lab	90.93, -46.99, -14.41
CIE LCh	91, 49.148, 197.051
Yxy	78.3232, 0.2255, 0.3275
Android (android.graphics.Color)	4279959295 (0xFF1AFEFF)
YUV	185.9420, 34.0456, -140.2691
Hunter-Lab	88.5004, -46.1267, -9.6556

Details

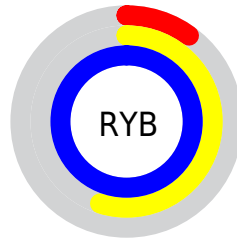
The XYZ color **53.9178, 78.3232, 106.8839** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.8196, 22.1202, 3.0449**, and the grayscale version is **46.5167, 48.9392, 53.2948**.

A 20% lighter version of the original color is **62.4142, 83.1756, 107.3727**, and **29.9330, 43.5571, 60.2558** is the 20% darker color. If you saturate the color by 10%, you get **53.4645, 78.0389, 106.8529**, and if you desaturate by 10%, it is **54.9206, 78.8942, 106.9412**.

Distribution



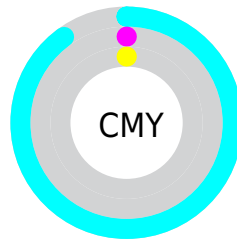
- Red (10%)
- Green (100%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9178, 78.3232, 106.8839 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 53.9178, 78.3232, 106.8839 by changing the saturation by 10% instead.

53.9178, 78.3232,
106.8839

53.9178, 78.3232,
106.8839

391.9999,
489.2638, 603.4789

38.7664, 58.3395,
81.4131

95.1111, 131.0056,
172.7196

26.7579, 42.0817,
60.3489

121.8838,
164.4732, 213.9216

17.5271, 29.1652,
43.2728

153.2608,
203.2041, 261.2043

10.7087, 19.2059,
29.7662

189.6076,
247.5829, 314.9864

5.9371, 11.8191,
19.4106

231.2896,
297.9938, 375.6864

2.8472, 6.6206,
11.7876

278.6721,

1.0735, 3.2260,

354.8213, 443.7228

6.4784

332.1204,
418.4499, 519.5141

0.0027, 1.2508,
3.0647

0.0000, 0.1026,
1.1277

53.9178, 78.3232,
106.8839

53.9178, 78.3232,
106.8839

53.4645, 78.0389,
106.8529

54.9206, 78.8942,
106.9412

53.4570, 78.0340,
106.8523

56.6270, 79.8262,
107.0312

59.1393, 81.1737,
107.1589

62.5417, 82.9801,
107.3282

66.9078, 85.2833,
107.5427

72.3036, 88.1174,
107.8053

78.7893, 91.5134,
108.1190

86.4204, 95.4999,
108.4862

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.



53.5628, 78.3232, 70.8918



53.9178, 78.3232, 106.8839



59.3678, 78.3232, 145.5792

Triad

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



53.9178, 78.3232, 106.8839



93.2716, 78.3232, 140.7041



79.9090, 78.3232, 34.5843

Complementary

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



53.9178, 78.3232, 106.8839



41.8196, 22.1202, 3.0449

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.



91.8778, 78.3232, 44.4654



53.9178, 78.3232, 106.8839



100.1490, 78.3232, 101.4955

Square

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



53.9178, 78.3232, 106.8839



81.6476, 78.3232, 168.5189



99.6123, 78.3232, 66.8041



67.6768, 78.3232, 35.2812

Rectangle

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



53.9178, 78.3232, 106.8839



65.5388, 78.3232, 164.7674



99.6123, 78.3232, 66.8041



84.1211, 78.3232, 36.6307

Sweetspot

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



53.9199, 78.3260, 106.8843



74.0007, 89.0069, 107.8875



36.3738, 71.8148, 12.9240



15.3971, 18.8194, 23.0709



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.



53.9199, 78.3260, 106.8843



53.4570, 78.0340, 106.8523



27.9310, 26.3482, 98.2213



18.5478, 20.4671, 23.2229



27.9356, 40.7807, 55.8337



2.7221, 3.9749, 5.4370

Inverse Universe

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



59.5002, 29.1564, 96.2607



59.1118, 28.4087, 96.0417



50.8809, 40.2428, 6.0654



18.7891, 18.2990, 22.7727



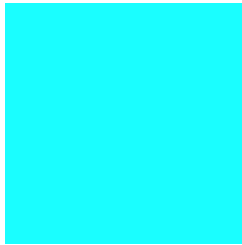
30.8888, 14.8448, 50.1922



3.0086, 1.4458, 4.8927

Previews

White Background



This preview shows how the XYZ color 53.9178, 78.3232, 106.8839 looks on a white background.

Color Contrast Check

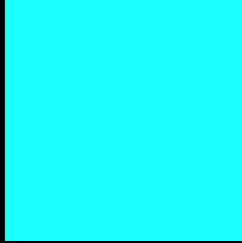
Large Text (above 18pt) WCAG AA × Fail

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 53.9178, 78.3232, 106.8839 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

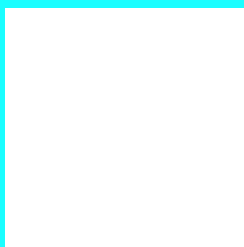
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9178, 78.3232, 106.8839

Background



This preview shows how black text looks on a background with the XYZ color 53.9178, 78.3232, 106.8839.

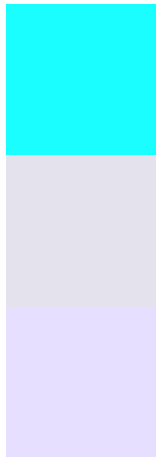


This preview shows how white text looks on a background with the XYZ color 53.9178, 78.3232,

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

53.9178, 78.3232, 106.8839

Protanopia

74.4773, 77.0011, 91.0581

Deuteranopia

77.3927, 76.9843, 105.3882



Tritanopia

62.9390, 77.4966, 106.2488

Trichromacy



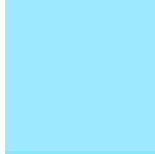
Original Color

53.9178, 78.3232, 106.8839



Protanomaly

59.8422, 73.4911, 96.6191



Deuteranomaly

61.1831, 73.1336, 105.4992



Tritanomaly

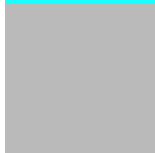
57.0692, 76.2573, 106.3190

Monochromacy



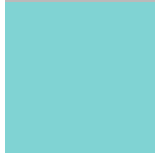
Original Color

53.9178, 78.3232, 106.8839



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

43.9542, 55.8809, 70.0975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9178, 78.3232, 106.8839 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, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(26, 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(26, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9178, 78.3232, 106.8839 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, 254, 255) }
```


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

```
.border{ border-color:rgb(26, 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(26, 254, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(26, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9178, 78.3232, 106.8839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 254, 255) }
```

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

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