

Converting Colors

XYZ(54.1088, 78.8940,
106.9840)

Have a look what the booklet for
XYZ(54.1088, 78.8940, 106.9840)
contains.

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Color

**XYZ(54.1193, 78.8994,
106.9845)**

Conversions

Conversions Part 1

Format	Color
Hex	15FFFF
RGB	21, 255, 255
RGB Percent	8%, 100%, 100%
CMY	0.9175, 0.0000, 0.0000
CMYK	0.92, 0.00, 0.00, 0.00
HSL	180°, 100%, 54%
HSV	180°, 92%, 100%
XYZ	54.1193, 78.8994, 106.9845
YIQ	185.0340, -139.4640, -49.6080

Conversions

Conversions Part 2

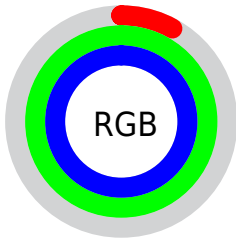
Format	Color
R_{YB}	21, 138, 255
Decimal	1441791
CIE _{Lab}	91.19, -47.60, -14.02
CIE _{LCh}	91, 49.622, 196.415
Yxy	78.8994, 0.2255, 0.3287
Android (android.graphics.Color)	4279631871 (0xFF15FFFF)
YUV	185.0340, 34.4932, -143.8578
Hunter-Lab	88.8253, -46.6883, -9.2333

Details

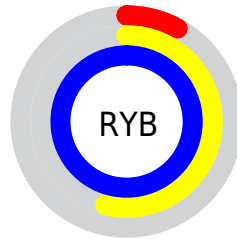
The XYZ color **54.1193, 78.8994, 106.9845** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.6449, 21.8524, 2.7348**, and the grayscale version is **46.0104, 48.4065, 52.7147**.

A 20% lighter version of the original color is **62.2674, 83.1000, 107.3658**, and **30.1593, 44.0097, 60.3312** is the 20% darker color. If you saturate the color by 10%, you get **53.8100, 78.7400, 106.9700**, and if you desaturate by 10%, it is **54.9616, 79.3337, 107.0239**.

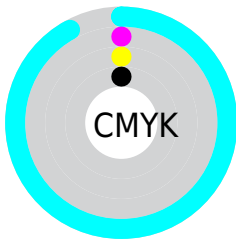
Distribution



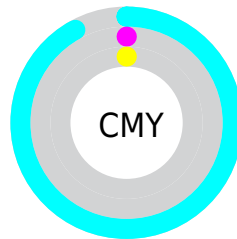
- Red (8%)
- Green (100%)
- Blue (100%)



- Red (8%)
- Yellow (54%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (92%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1193, 78.8994, 106.9845 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 54.1193, 78.8994, 106.9845 by changing the saturation by 10% instead.


 54.1193, 78.8994,
106.9845


 54.1193, 78.8994,
106.9845


392.7557,
491.2160, 603.7979


 38.9281, 58.8131,
81.4970


 95.4053, 131.8172,
172.8581


 26.8843, 42.4627,
60.4176


 122.2307,
165.4175, 214.0813

 17.6225, 29.4638,
43.3278


 153.6650,
204.2913, 261.3869

 10.7773, 19.4319,
29.8091

 190.0734,
248.8230, 315.1932

 5.9835, 11.9828,
19.4429

231.8213,
299.3968, 375.9189

 2.8756, 6.7320,
11.8107

279.2741,

 1.0883, 3.2950,

356.3974, 443.9826

6.4939

332.7971,
420.2089, 519.8027

■ 0.0153, 1.2876,
3.0741

■ 0.0000, 0.1316,
1.1326

■ 54.1193, 78.8994,
106.9845

■ 54.1193, 78.8994,
106.9845


■ 53.8100, 78.7400,
106.9700

■ 54.9616, 79.3337,
107.0239


■ 56.4861, 80.1196,
107.0952


■ 58.7984, 81.3116,
107.2035


■ 61.9853, 82.9545,
107.3526

 66.1221, 85.0871,
107.5462

 71.2763, 87.7442,
107.7874

 77.5089, 90.9572,
108.0791

 84.8763, 94.7553,
108.4239

 93.4310, 99.1654,
108.8242

Harmonies

Analogous

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



53.8713, 78.8994, 70.6567



54.1193, 78.8994, 106.9845



59.5358, 78.8994, 146.4146

Triad

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



54.1193, 78.8994, 106.9845



93.8908, 78.8994, 142.9946



80.8117, 78.8994, 34.6717

Complementary

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



54.1193, 78.8994, 106.9845



41.6449, 21.8524, 2.7348

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.



92.9143, 78.8994, 44.8995



54.1193, 78.8994, 106.9845



101.0157, 78.8994, 103.2098

Square

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



54.1193, 78.8994, 106.9845



82.0289, 78.8994, 170.8536



100.6396, 78.8994, 67.7991



68.3686, 78.8994, 35.1569

Rectangle

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



54.1193, 78.8994, 106.9845



65.7330, 78.8994, 166.2147



100.6396, 78.8994, 67.7991



85.0809, 78.8994, 36.8140

Sweetspot

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



54.1203, 78.9000, 106.9845



73.4815, 88.8810, 107.8906



36.2061, 71.7343, 12.6497



15.1872, 18.7453, 23.0677



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.



54.1203, 78.9000, 106.9845



53.8100, 78.7400, 106.9700



27.4522, 25.5638, 98.0952



18.5550, 20.4815, 23.2253



28.1169, 41.1433, 55.8941



2.7376, 4.0060, 5.4422

Inverse Universe

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



59.5590, 29.0181, 97.0697



59.2900, 28.4800, 96.9800



50.4677, 39.4982, 5.6758



18.7928, 18.3004, 22.7918



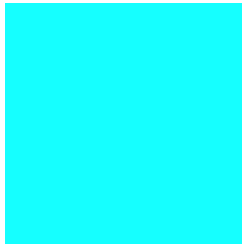
30.9803, 14.8814, 50.6741



3.0164, 1.4490, 4.9340

Previews

White Background



This preview shows how the XYZ color 54.1193, 78.8994, 106.9845 looks on a white background.

Color Contrast Check

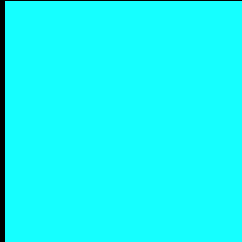
Large Text (above 18pt) WCAG AA × Fail

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 54.1193, 78.8994, 106.9845 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

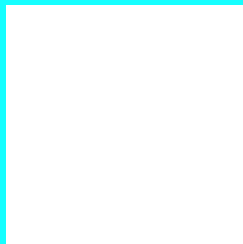
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1193, 78.8994, 106.9845

Background



This preview shows how black text looks on a background with the XYZ color 54.1193, 78.8994, 106.9845.



This preview shows how white text looks on a background with the XYZ color 54.1193, 78.8994,

Color Blindness Simulation

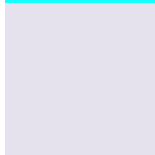
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.1193, 78.8994, 106.9845



Protanopia

74.7955, 77.1652, 91.0730



Deuteranopia

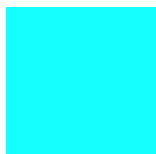
77.7164, 77.1512, 105.4033



Tritanopia

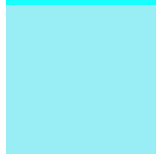
63.7068, 77.8924, 106.2848

Trichromacy



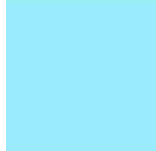
Original Color

54.1193, 78.8994, 106.9845



Protanomaly

59.7502, 73.8723, 96.6976



Deuteranomaly

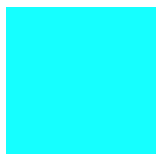
61.2759, 73.6052, 105.5854



Tritanomaly

57.4951, 76.9297, 106.4263

Monochromacy



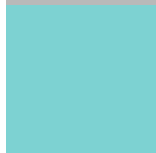
Original Color

54.1193, 78.8994, 106.9845



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.1369, 55.1063, 69.3358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1193, 78.8994, 106.9845 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(21, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(21, 255, 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(21, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 255, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1193, 78.8994, 106.9845 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(21, 255, 255) }
```


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

```
.border{ border-color:rgb(21, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(21, 255,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1193, 78.8994, 106.9845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 255, 255) }
```

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

```
.background{ background-color: rgb(21, 255,  
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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