

Converting Colors

XYZ(73.1060, 110.8582,
101.0397)

Have a look what the booklet for
XYZ(73.1060, 110.8582, 101.0397)
contains.

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Color

**XYZ(58.3193, 81.3156,
95.8408)**

Conversions

Conversions Part 1

Format	Color
Hex	70FFF1
RGB	112, 255, 241
RGB Percent	44%, 100%, 95%
CMY	0.5608, 0.0000, 0.0549
CMYK	0.56, 0.00, 0.05, 0.00
HSL	174°, 100%, 72%
HSV	174°, 56%, 100%
XYZ	58.3193, 81.3156, 95.8408
YIQ	210.6470, -80.7340, -34.6700

Conversions

Conversions Part 2

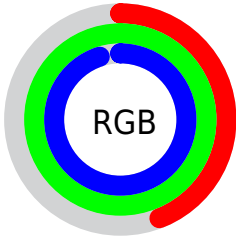
Format	Color
RYB	112, 187, 255
Decimal	7405553
CIELab	92.27, -41.81, -5.00
CIELCh	92, 42.112, 186.815
Yxy	81.3156, 0.2477, 0.3453
Android (android.graphics.Color)	4285595633 (0xFF70FFF1)
YUV	210.6470, 14.9640, -86.5134
Hunter-Lab	90.1752, -42.3646, 0.1075

Details

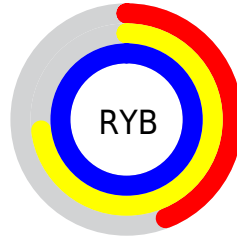
The XYZ color **58.3193, 81.3156, 95.8408** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.8011, 34.3563, 23.6942**, and the grayscale version is **61.6274, 64.8368, 70.6073**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **29.6107, 44.2310, 52.8757** is the 20% darker color. If you saturate the color by 10%, you get **55.1516, 79.7254, 93.7606**, and if you desaturate by 10%, it is **62.4128, 83.3825, 97.9939**.

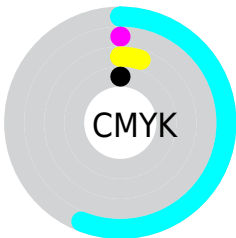
Distribution



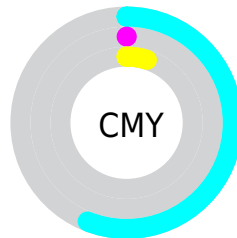
- Red (44%)
- Green (100%)
- Blue (95%)



- Red (44%)
- Yellow (73%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3193, 81.3156, 95.8408 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 58.3193, 81.3156, 95.8408 by changing the saturation by 10% instead.


 58.3193, 81.3156,
95.8408


 58.3193, 81.3156,
95.8408


408.3094,
499.3555, 567.9062

 42.3097, 60.8016,
72.2342


 101.5080,
135.2138, 157.4312

 29.5360, 44.0650,
52.8620


 129.4177,
169.3668, 196.2522

 19.6330, 30.7216,
37.3057


 162.0249,
208.8349, 240.9817

 12.2353, 20.3870,
25.1466

199.6948,
254.0024, 292.0383

 6.9774, 12.6767,
15.9663

242.7929,
305.2539, 349.8405

 3.4942, 7.2063,
9.3462

291.6844,

 1.4202, 3.5914,

362.9736, 414.8068

4.8678

346.7348,
427.5460, 487.3559

■ 0.2705, 1.4477,
2.1125

■ 0.0000, 0.2515,
0.6232

■ 58.3193, 81.3156,
95.8408

■ 58.3193, 81.3156,
95.8408

■ 55.1516, 79.7254,
93.7606

■ 62.4128, 83.3825,
97.9939

■ 52.8265, 78.5690,
91.7450


■ 67.4993, 85.9607,
100.2188


■ 51.2518, 77.7988,
89.7909

■ 73.6436, 89.0836,
102.5200

■ 50.3114, 77.3550,
87.8929

■ 80.9040, 92.7813,
104.9005

 50.0481, 77.2353,
87.1603

 89.3346, 97.0817,
107.3629

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.



59.6067, 81.3156, 66.9812



58.3193, 81.3156, 95.8408



61.7190, 81.3156, 129.5169

Triad

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



58.3193, 81.3156, 95.8408



90.5154, 81.3156, 145.6946



85.8214, 81.3156, 44.0908

Complementary

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



58.3193, 81.3156, 95.8408



50.8011, 34.3563, 23.6942

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.



95.2771, 81.3156, 57.2682



58.3193, 81.3156, 95.8408



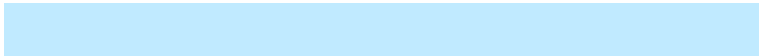
98.1600, 81.3156, 114.2871

Square

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



58.3193, 81.3156, 95.8408



79.7973, 81.3156, 162.3574



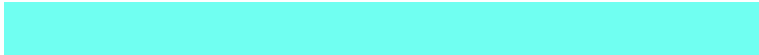
99.9795, 81.3156, 81.6176



74.8319, 81.3156, 41.3741

Rectangle

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



58.3193, 81.3156, 95.8408



66.3925, 81.3156, 148.7495



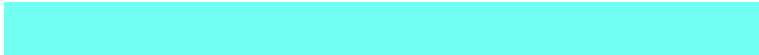
99.9795, 81.3156, 81.6176



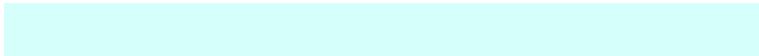
89.3148, 81.3156, 47.2634

Sweetspot

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



58.3204, 81.3162, 95.8423



80.1848, 92.4148, 104.6771



47.3344, 77.1489, 27.7276



16.8355, 19.6138, 22.3018



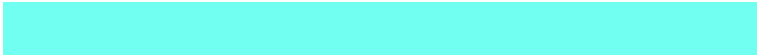
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3204, 81.3162, 95.8423



54.9026, 79.6010, 93.5716



44.8819, 50.9632, 102.0791



18.4737, 20.4490, 22.7974



26.1826, 40.3696, 45.7082



2.5706, 3.9392, 4.5627

Inverse Universe

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



50.8011, 34.3563, 23.6942



46.7648, 28.5611, 15.3279



58.3909, 50.8819, 22.0748



18.0816, 18.0160, 19.0469



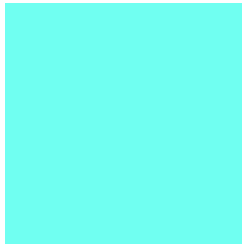
21.6640, 11.1549, 1.6150



2.1323, 1.0953, 0.2782

Previews

White Background



This preview shows how the XYZ color 58.3193, 81.3156, 95.8408 looks on a white background.

Color Contrast Check

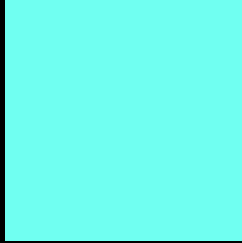
Large Text (above 18pt) WCAG AA × Fail

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 58.3193, 81.3156, 95.8408 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

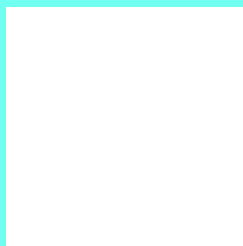
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3193, 81.3156, 95.8408

Background



This preview shows how black text looks on a background with the XYZ color 58.3193, 81.3156, 95.8408.

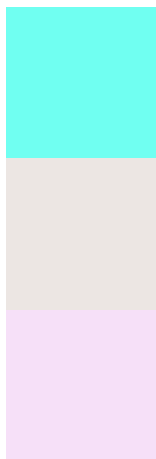


This preview shows how white text looks on a background with the XYZ color 58.3193, 81.3156,

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

58.3193, 81.3156, 95.8408

Protanopia

76.7540, 79.9725, 84.0639

Deuteranopia

81.6050, 79.6815, 99.8859



Tritanopia

68.6910, 80.9049, 106.6035

Trichromacy



Original Color

58.3193, 81.3156, 95.8408



Protanomaly

66.9178, 78.6356, 87.9952



Deuteranomaly

69.2157, 77.8796, 97.7704



Tritanomaly

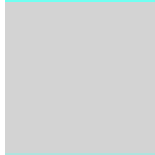
64.0337, 80.3922, 102.5848

Monochromacy



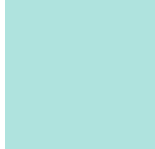
Original Color

58.3193, 81.3156, 95.8408



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.3331, 69.3261, 79.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3193, 81.3156, 95.8408 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(112, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 241)  
}
```

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(112, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 58.3193, 81.3156, 95.8408 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(112, 255, 241) }
```


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

```
.border{ border-color:rgb(112, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(112, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3193, 81.3156, 95.8408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 241) }
```

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

```
.background{ background-color: rgb(112,  
255, 241) }
```

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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