

Converting Colors

XYZ(61.0326, 85.8184,
103.8181)

Have a look what the booklet for
XYZ(61.0326, 85.8184, 103.8181)
contains.

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Color

**XYZ(58.8410, 81.4254,
103.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	69FFFA
RGB	105, 255, 250
RGB Percent	41%, 100%, 98%
CMY	0.5882, 0.0000, 0.0196
CMYK	0.59, 0.00, 0.02, 0.00
HSL	178°, 100%, 71%
HSV	178°, 59%, 100%
XYZ	58.8410, 81.4254, 103.0579
YIQ	209.5800, -87.7950, -33.3550

Conversions

Conversions Part 2

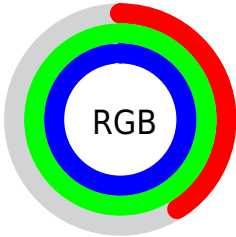
Format	Color
RYB	105, 181, 255
Decimal	6946810
CIELab	92.32, -40.76, -9.61
CIELCh	92, 41.878, 193.263
Yxy	81.4254, 0.2418, 0.3346
Android (android.graphics.Color)	4285136890 (0xFF69FFFA)
YUV	209.5800, 19.9271, -91.7167
Hunter-Lab	90.2360, -41.5170, -4.5495

Details

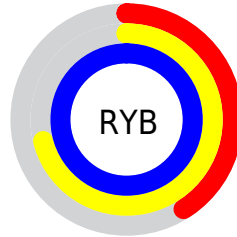
The XYZ color **58.8410, 81.4254, 103.0579** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.1071, 32.4905, 18.4364**, and the grayscale version is **60.8990, 64.0705, 69.7728**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **29.9943, 44.3155, 58.0118** is the 20% darker color. If you saturate the color by 10%, you get **56.1494, 80.0531, 102.2393**, and if you desaturate by 10%, it is **62.4331, 83.2617, 103.9246**.

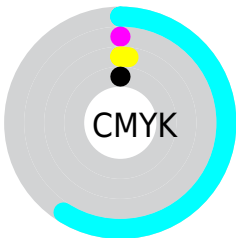
Distribution



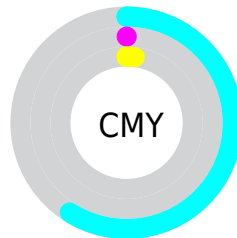
- Red (41%)
- Green (100%)
- Blue (98%)



- Red (41%)
- Yellow (71%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (59%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8410, 81.4254, 103.0579 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 58.8410, 81.4254, 103.0579 by changing the saturation by 10% instead.


 58.8410, 81.4254,
103.0579


 58.8410, 81.4254,
103.0579

410.2160,
499.7236, 591.2829


 42.7310, 60.8920,
78.2257


 102.2625,
135.3679, 167.4415

 29.8677, 44.1380,
57.7419


 130.3047,
169.5459, 207.8300

 19.8858, 30.7790,
41.1878


 163.0550,
209.0408, 254.2411

 12.4198, 20.4306,
28.1451

200.8788,
254.2370, 307.0932

 7.1045, 12.7085,
18.1950

244.1415,
305.5190, 366.8049

 3.5745, 7.2281,
10.9192

293.2083,

 1.4643, 3.6052,

363.2712, 433.7947

5.8991

348.4447,
427.8780, 508.4812

■ 0.3014, 1.4552,
2.7160

■ 0.0000, 0.2569,
0.9515

■ 58.8410, 81.4254,
103.0579

■ 58.8410, 81.4254,
103.0579

■ 56.1494, 80.0531,
102.2393

■ 62.4331, 83.2617,
103.9246

■ 54.2719, 79.1006,
101.4605

■ 66.9950, 85.5980,
104.8385

■ 53.1113, 78.5175,
100.7184

■ 72.5933, 88.4684,
105.8040

■ 52.5249, 78.2303,
100.0063

■ 79.2877, 91.9038,
106.8239

■ 52.4718, 78.2047,
99.9232

■ 87.1331, 95.9326,
107.9008

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.



59.1135, 81.4254, 72.5687



58.8410, 81.4254, 103.0579



63.1964, 81.4254, 136.1373

Triad

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



58.8410, 81.4254, 103.0579



92.5602, 81.4254, 139.5676



83.5456, 81.4254, 42.9305

Complementary

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



58.8410, 81.4254, 103.0579



49.1071, 32.4905, 18.4364

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.



93.5694, 81.4254, 53.7431



58.8410, 81.4254, 103.0579



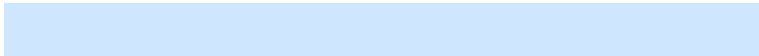
99.0972, 81.4254, 106.9662

Square

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



58.8410, 81.4254, 103.0579



82.2693, 81.4254, 160.3001



99.4829, 81.4254, 75.6669



72.7122, 81.4254, 42.3562

Rectangle

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



58.8410, 81.4254, 103.0579



68.3965, 81.4254, 153.3019



99.4829, 81.4254, 75.6669



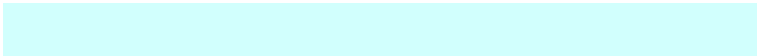
87.1444, 81.4254, 45.3486

Sweetspot

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



58.8421, 81.4259, 103.0594



79.8875, 92.2118, 106.9101



44.7414, 75.8555, 25.6500



16.6515, 19.5073, 22.8181



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.



58.8421, 81.4259, 103.0594



55.6739, 79.8113, 102.0662



41.2262, 44.9230, 101.1059



18.5272, 20.4704, 23.0791



27.4293, 40.8683, 52.2736



2.6786, 3.9824, 5.1313

Inverse Universe

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



49.1071, 32.4905, 18.4364



45.1328, 26.7298, 10.3668



59.1209, 52.9415, 20.4692



18.0339, 17.9969, 18.7957



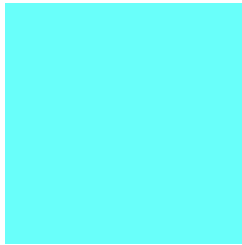
21.5837, 11.1228, 1.1923



2.1098, 1.0863, 0.1595

Previews

White Background



This preview shows how the XYZ color 58.8410, 81.4254, 103.0579 looks on a white background.

Color Contrast Check

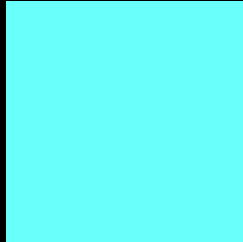
Large Text (above 18pt) WCAG AA × Fail

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 58.8410, 81.4254, 103.0579 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 58.8410, 81.4254, 103.0579

Background



This preview shows how black text looks on a background with the XYZ color 58.8410, 81.4254, 103.0579.

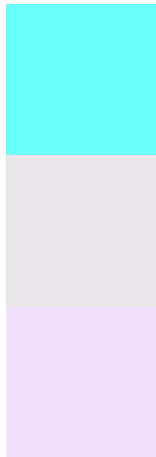


This preview shows how white text looks on a background with the XYZ color 58.8410, 81.4254,

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

58.8410, 81.4254, 103.0579

Protanopia

77.2239, 80.0842, 89.9849

Deuteranopia

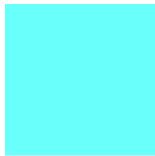
81.2508, 79.7712, 105.7227



Tritanopia

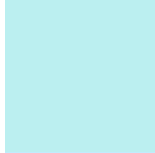
68.4607, 80.7862, 106.5928

Trichromacy



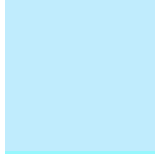
Original Color

58.8410, 81.4254, 103.0579



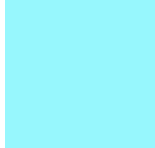
Protanomaly

67.0882, 78.5891, 94.0714



Deuteranomaly

69.4633, 78.2892, 104.3787



Tritanomaly

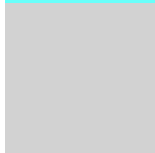
63.7529, 80.1927, 105.0471

Monochromacy



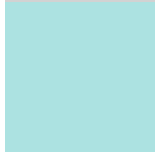
Original Color

58.8410, 81.4254, 103.0579



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.8002, 68.5996, 81.4288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8410, 81.4254, 103.0579 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(105, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(105, 255, 250)  
}
```

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(105, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 58.8410, 81.4254, 103.0579 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(105, 255, 250) }
```


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

```
.border{ border-color:rgb(105, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(105, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8410, 81.4254, 103.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 255, 250) }
```

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

```
.background{ background-color: rgb(105,  
255, 250) }
```

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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