

Converting Colors

XYZ(58.5481, 81.3638, 99.0052)

Have a look what the booklet for
XYZ(58.5481, 81.3638, 99.0052)
contains.

XYZ(58.5481, 81.3638, 99.0052)	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(58.5481, 81.3638,
99.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	6DFFF5
RGB	109, 255, 245
RGB Percent	43%, 100%, 96%
CMY	0.5725, 0.0000, 0.0392
CMYK	0.57, 0.00, 0.04, 0.00
HSL	176°, 100%, 71%
HSV	176°, 57%, 100%
XYZ	58.5481, 81.3638, 99.0052
YIQ	210.2060, -83.8060, -34.0620

Conversions

Conversions Part 2

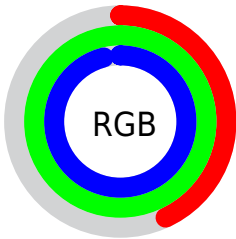
Format	Color
RYB	109, 185, 255
Decimal	7208949
CIELab	92.29, -41.35, -7.05
CIElCh	92, 41.948, 189.671
Yxy	81.3638, 0.2451, 0.3406
Android (android.graphics.Color)	4285399029 (0xFF6DFFF5)
YUV	210.2060, 17.1534, -88.7577
Hunter-Lab	90.2019, -41.9928, -1.9351

Details

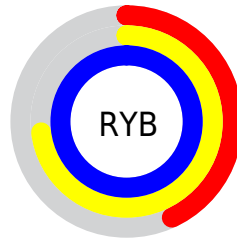
The XYZ color **58.5481, 81.3638, 99.0052** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.0394, 33.5307, 21.2889**, and the grayscale version is **61.3248, 64.5185, 70.2607**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **29.7803, 44.2690, 55.1193** is the 20% darker color. If you saturate the color by 10%, you get **55.5884, 79.8686, 97.4828**, and if you desaturate by 10%, it is **62.4221, 83.3299, 100.5864**.

Distribution



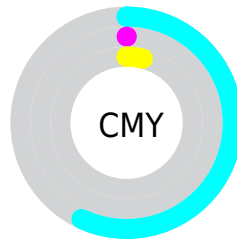
- Red (43%)
- Green (100%)
- Blue (96%)



- Red (43%)
- Yellow (73%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (57%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5481, 81.3638, 99.0052 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 58.5481, 81.3638, 99.0052 by changing the saturation by 10% instead.


 58.5481, 81.3638,
99.0052

 58.5481, 81.3638,
99.0052


409.1462,
499.5171, 578.2179

 42.4944, 60.8413,
74.8577


 101.8390,
135.2815, 161.8294

 29.6814, 44.0971,
54.9953


 129.8069,
169.4454, 201.3432

 19.7438, 30.7468,
38.9994


 162.4769,
208.9253, 246.8161

 12.3161, 20.4061,
26.4514

200.2144,
254.1054, 298.6669

 7.0331, 12.6906,
16.9329

243.3847,
305.3703, 357.3139

 3.5293, 7.2159,
10.0252

292.3532,

 1.4395, 3.5975,

363.1043, 423.1757

5.3098

347.4853,
427.6918, 496.6709

■ 0.2841, 1.4510,
2.3683

■ 0.0000, 0.2539,
0.7691

■ 58.5481, 81.3638,
99.0052

■ 58.5481, 81.3638,
99.0052

■ 55.5884, 79.8686,
97.4828

■ 62.4221, 83.3299,
100.5864

■ 53.4587, 78.8011,
96.0110

■ 67.2786, 85.8023,
102.2252

■ 52.0645, 78.1124,
94.5866

■ 73.1831, 88.8146,
103.9264

■ 51.2827, 77.7392,
93.2039

■ 80.1945, 92.3973,
105.6926

■ 51.1246, 77.6658,
92.8289

■ 88.3672, 96.5784,
107.5264

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.



59.3847, 81.3638, 69.4243



58.5481, 81.3638, 99.0052



62.3703, 81.3638, 132.4369

Triad

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



58.5481, 81.3638, 99.0052



91.4215, 81.3638, 142.9577



84.8056, 81.3638, 43.5678

Complementary

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



58.5481, 81.3638, 99.0052



50.0394, 33.5307, 21.2889

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.



94.5175, 81.3638, 55.6794



58.5481, 81.3638, 99.0052



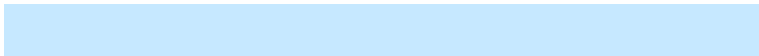
98.5780, 81.3638, 110.9966

Square

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



58.5481, 81.3638, 99.0052



80.8894, 81.3638, 161.4514



99.7611, 81.3638, 78.9346



73.8841, 81.3638, 41.8037

Rectangle

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



58.5481, 81.3638, 99.0052



67.2763, 81.3638, 150.7694



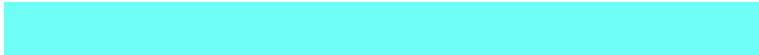
99.7611, 81.3638, 78.9346



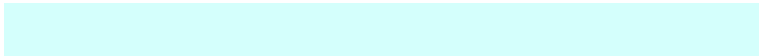
88.3469, 81.3638, 46.4014

Sweetspot

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



58.5492, 81.3643, 99.0067



80.3862, 92.4953, 105.7380



46.4300, 76.7017, 26.8276



16.8836, 19.6330, 22.5551



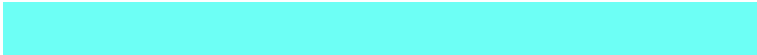
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.5492, 81.3643, 99.0067



55.1588, 79.6525, 97.2220



43.6870, 49.1306, 101.7884



18.4980, 20.4587, 22.9254



26.7366, 40.5912, 48.6255



2.6187, 3.9584, 4.8161

Inverse Universe

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



50.0394, 33.5307, 21.2889



45.9322, 27.6162, 12.8297



58.3449, 51.0527, 21.2489



18.0598, 18.0072, 18.9322



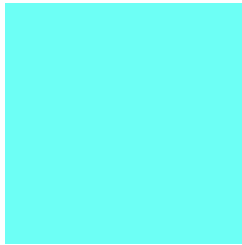
21.6221, 11.1381, 1.3943



2.1220, 1.0912, 0.2241

Previews

White Background



This preview shows how the XYZ color 58.5481, 81.3638, 99.0052 looks on a white background.

Color Contrast Check

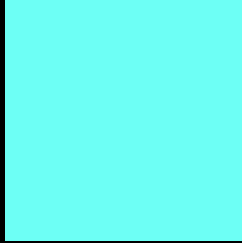
Large Text (above 18pt) WCAG AA × Fail

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 58.5481, 81.3638, 99.0052 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 58.5481, 81.3638, 99.0052

Background



This preview shows how black text looks on a background with the XYZ color 58.5481, 81.3638, 99.0052.

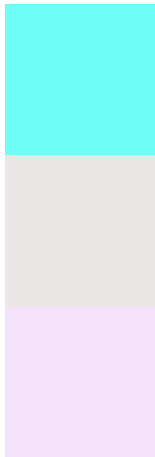


This preview shows how white text looks on a background with the XYZ color 58.5481, 81.3638,

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

58.5481, 81.3638, 99.0052

Protanopia

76.8407, 79.9690, 86.2485

Deuteranopia

81.8041, 80.1118, 103.2470



Tritanopia

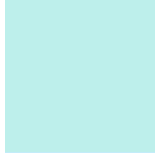
68.4607, 80.7862, 106.5928

Trichromacy



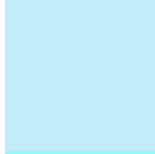
Original Color

58.5481, 81.3638, 99.0052



Protanomaly

66.8482, 78.5500, 90.2357



Deuteranomaly

69.6000, 78.4326, 101.0932



Tritanomaly

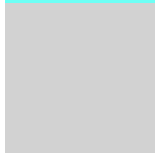
63.8102, 80.2589, 103.3951

Monochromacy



Original Color

58.5481, 81.3638, 99.0052



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.7492, 68.6047, 80.0104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5481, 81.3638, 99.0052 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(109, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(109, 255, 245)  
}
```

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(109, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 58.5481, 81.3638, 99.0052 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(109, 255, 245) }
```


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

```
.border{ border-color:rgb(109, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(109, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(109, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5481, 81.3638, 99.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 255, 245) }
```

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

```
.background{ background-color: rgb(109,  
255, 245) }
```

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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