

Converting Colors

XYZ(59.6187, 81.8802,
100.6579)

Have a look what the booklet for
XYZ(59.6187, 81.8802, 100.6579)
contains.

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Color

**XYZ(59.6187, 81.8802,
100.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	73FFF7
RGB	115, 255, 247
RGB Percent	45%, 100%, 97%
CMY	0.5490, 0.0000, 0.0314
CMYK	0.55, 0.00, 0.03, 0.00
HSL	177°, 100%, 73%
HSV	177°, 55%, 100%
XYZ	59.6187, 81.8802, 100.6579
YIQ	212.2280, -80.8720, -32.1680

Conversions

Conversions Part 2

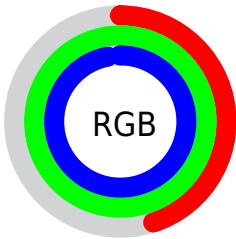
Format	Color
RYB	115, 187, 255
Decimal	7602167
CIELab	92.52, -39.76, -7.72
CIELCh	93, 40.503, 190.995
Yxy	81.8802, 0.2462, 0.3381
Android (android.graphics.Color)	4285792247 (0xFF73FFF7)
YUV	212.2280, 17.1426, -85.2690
Hunter-Lab	90.4877, -40.7470, -2.6124

Details

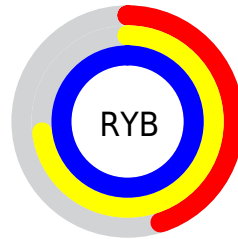
The XYZ color **59.6187, 81.8802, 100.6579** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.9469, 34.9531, 22.8018**, and the grayscale version is **62.6597, 65.9228, 71.7900**.

A 20% lighter version of the original color is **71.9415, 88.0871, 107.8185**, and **30.4731, 44.6009, 56.2929** is the 20% darker color. If you saturate the color by 10%, you get **56.4933, 80.2949, 99.3439**, and if you desaturate by 10%, it is **63.6753, 83.9453, 102.0275**.

Distribution



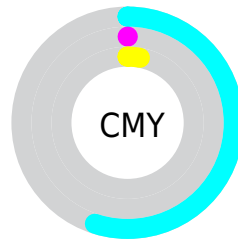
- Red (45%)
- Green (100%)
- Blue (97%)



- Red (45%)
- Yellow (73%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (55%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6187, 81.8802, 100.6579 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 59.6187, 81.8802, 100.6579 by changing the saturation by 10% instead.


 59.6187, 81.8802,
100.6579


 59.6187, 81.8802,
100.6579


413.0482,
501.2469, 583.5646

 43.3597, 61.2668,
76.2302


 103.3858,
136.0060, 164.1207

 30.3632, 44.4405,
56.1135


 131.6246,
170.2872, 203.9929

 20.2638, 31.0170,
39.8893

 164.5874,
209.8930, 249.8503

 12.6963, 20.6118,
27.1391

202.6395,
255.2080, 302.1115

 7.2953, 12.8405,
17.4444

246.1463,
306.6165, 361.1950

 3.6954, 7.3188,
10.3865

295.4731,

 1.5313, 3.6623,

364.5029, 427.5193

5.5470

350.9853,
429.2515, 501.5030

0.3470, 1.4865,
2.5074

0.0000, 0.2792,
0.8441

59.6187, 81.8802,
100.6579

59.6187, 81.8802,
100.6579

56.4933, 80.2949,
99.3439

63.6753, 83.9453,
102.0275

54.2173, 79.1472,
98.0774

68.7293, 86.5245,
103.4515

52.7001, 78.3906,
96.8555

74.8448, 89.6507,
104.9345

51.8293, 77.9669,
95.6730

82.0795, 93.3536,
106.4790

■ 51.5523, 77.8369,
95.0812

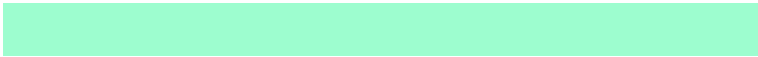
■ 90.4872, 97.6611,
108.0877

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.



60.2327, 81.8802, 71.5970



59.6187, 81.8802, 100.6579



63.5417, 81.8802, 132.7822

Triad

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



59.6187, 81.8802, 100.6579



91.8537, 81.8802, 140.3813



84.5955, 81.8802, 44.8519

Complementary

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



59.6187, 81.8802, 100.6579



50.9469, 34.9531, 22.8018

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.



94.1021, 81.8802, 56.3115



59.6187, 81.8802, 100.6579



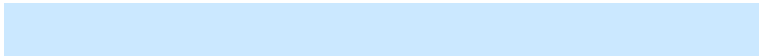
98.5463, 81.8802, 109.3685

Square

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



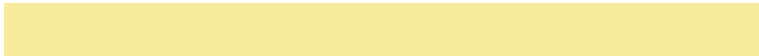
59.6187, 81.8802, 100.6579



81.7443, 81.8802, 158.9208



99.4042, 81.8802, 78.5611



74.0324, 81.8802, 43.5408

Rectangle

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



59.6187, 81.8802, 100.6579



68.4279, 81.8802, 149.9804



99.4042, 81.8802, 78.5611



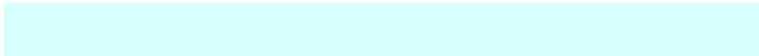
88.0445, 81.8802, 47.4994

Sweetspot

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



59.6198, 81.8808, 100.6594



81.2269, 92.9170, 106.3059



47.2161, 77.0683, 28.6087



17.0526, 19.7174, 22.6850



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.



59.6198, 81.8808, 100.6594



56.2027, 80.1479, 99.2022



44.4877, 49.5986, 101.8365



18.5074, 20.4625, 22.9749



26.9566, 40.6792, 49.7840



2.6378, 3.9660, 4.9164

Inverse Universe

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



50.9469, 34.9531, 22.8018



46.7498, 28.8783, 14.2527



59.7956, 53.4194, 23.3809



18.0514, 18.0039, 18.8881



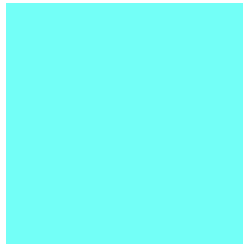
21.6088, 11.1328, 1.3243



2.1181, 1.0896, 0.2033

Previews

White Background



This preview shows how the XYZ color 59.6187, 81.8802, 100.6579 looks on a white background.

Color Contrast Check

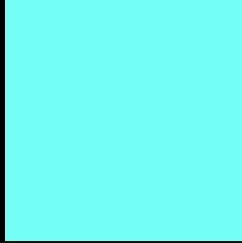
Large Text (above 18pt) WCAG AA × Fail

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 59.6187, 81.8802, 100.6579 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

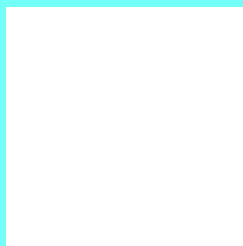
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6187, 81.8802, 100.6579

Background



This preview shows how black text looks on a background with the XYZ color 59.6187, 81.8802, 100.6579.

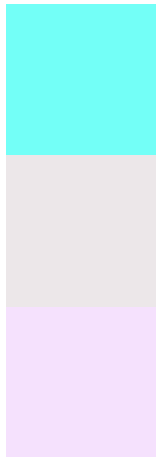


This preview shows how white text looks on a background with the XYZ color 59.6187, 81.8802,

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

59.6187, 81.8802, 100.6579

Protanopia

77.8760, 80.8679, 88.5954

Deuteranopia

82.3110, 80.3548, 104.1003



Tritanopia

69.1566, 81.1449, 106.6253

Trichromacy



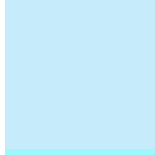
Original Color

59.6187, 81.8802, 100.6579



Protanomaly

68.3309, 79.6997, 92.6711



Deuteranomaly

70.6967, 78.9617, 102.7818



Tritanomaly

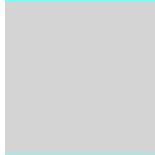
64.7361, 80.7179, 104.2636

Monochromacy



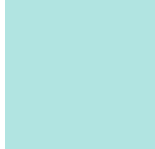
Original Color

59.6187, 81.8802, 100.6579



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.4655, 70.2702, 81.6635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6187, 81.8802, 100.6579 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(115, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(115, 255, 247)  
}
```

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(115, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 59.6187, 81.8802, 100.6579 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(115, 255, 247) }
```


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

```
.border{ border-color:rgb(115, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(115, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(115, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6187, 81.8802, 100.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 255, 247) }
```

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

```
.background{ background-color: rgb(115,  
255, 247) }
```

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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