

Converting Colors

XYZ(66.5743, 96.9793, 94.3973)

Have a look what the booklet for
XYZ(66.5743, 96.9793, 94.3973)
contains.

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Color

**XYZ(58.9264, 81.7137,
92.0235)**

Conversions

Conversions Part 1

Format	Color
Hex	7AFFEC
RGB	122, 255, 236
RGB Percent	48%, 100%, 93%
CMY	0.5215, 0.0000, 0.0745
CMYK	0.52, 0.00, 0.07, 0.00
HSL	171°, 100%, 74%
HSV	171°, 52%, 100%
XYZ	58.9264, 81.7137, 92.0235
YIQ	213.0670, -73.1690, -34.1050

Conversions

Conversions Part 2

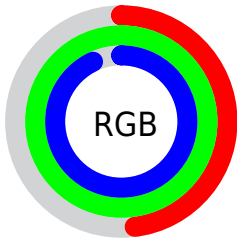
Format	Color
RYB	122, 194, 255
Decimal	8060908
CIELab	92.45, -41.11, -2.11
CIElCh	92, 41.160, 182.943
Yxy	81.7137, 0.2533, 0.3512
Android (android.graphics.Color)	4286250988 (0xFF7AFEC)
YUV	213.0670, 11.3060, -79.8658
Hunter-Lab	90.3956, -41.8332, 2.9192

Details

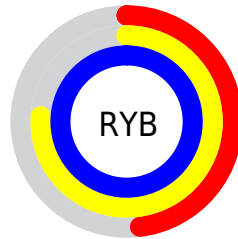
The XYZ color **58.9264, 81.7137, 92.0235** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.0082, 37.1036, 29.5686**, and the grayscale version is **63.2530, 66.5471, 72.4698**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **29.9536, 44.4677, 50.1844** is the 20% darker color. If you saturate the color by 10%, you get **55.2538, 79.8809, 89.1182**, and if you desaturate by 10%, it is **63.5589, 84.0400, 95.0330**.

Distribution



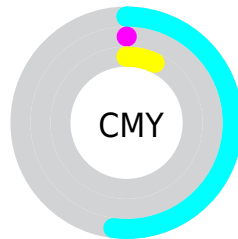
- Red (48%)
- Green (100%)
- Blue (93%)



- Red (48%)
- Yellow (76%)
- Blue (100%)



- Cyan (52%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (52%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9264, 81.7137, 92.0235 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 58.9264, 81.7137, 92.0235 by changing the saturation by 10% instead.


 58.9264, 81.7137,
92.0235


 58.9264, 81.7137,
92.0235

410.5275,
500.6895, 555.3305


 42.8000, 61.1296,
69.0770


 102.3859,
135.7724, 152.1059

 29.9221, 44.3297,
50.3023


 130.4498,
170.0158, 190.0790

 19.9272, 30.9298,
35.2808

 163.2235,
209.5811, 233.8979

 12.4501, 20.5454,
23.5940

201.0724,
254.8527, 283.9813

 7.1254, 12.7921,
14.8233

244.3620,
306.2149, 340.7478

 3.5877, 7.2856,
8.5502

293.4574,

 1.4716, 3.6413,

364.0522, 404.6158

4.3562

348.7242,
428.7489, 476.0038

■ 0.3064, 1.4750,
1.8227

■ 0.0000, 0.2710,
0.4429

■ 58.9264, 81.7137,
92.0235

■ 58.9264, 81.7137,
92.0235

■ 55.2538, 79.8809,
89.1182

■ 63.5589, 84.0400,
95.0330

■ 52.4622, 78.5011,
86.3087

■ 69.2159, 86.8933,
98.1456

■ 50.4653, 77.5297,
83.5920

■ 75.9599, 90.3056,
101.3662

■ 49.1573, 76.9123,
80.9630

■ 83.8474, 94.3063,
104.6975

■ 48.4901, 76.6120,
78.9558

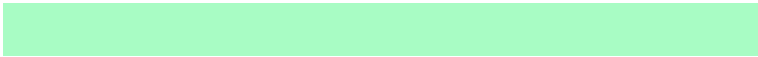
■ 92.9312, 98.9223,
108.1426

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.



60.7910, 81.7137, 64.8326



58.9264, 81.7137, 92.0235



61.6901, 81.7137, 124.9020

Triad

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



58.9264, 81.7137, 92.0235



89.3659, 81.7137, 147.9511



87.3773, 81.7137, 46.2341

Complementary

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



58.9264, 81.7137, 92.0235



53.0082, 37.1036, 29.5686

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.



96.1872, 81.7137, 60.6925



58.9264, 81.7137, 92.0235



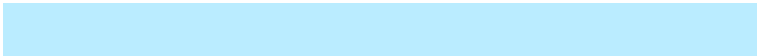
97.4072, 81.7137, 118.4644

Square

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



58.9264, 81.7137, 92.0235



78.7246, 81.7137, 161.4962



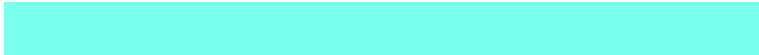
100.0098, 81.7137, 85.9894



76.6177, 81.7137, 42.2482

Rectangle

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



58.9264, 81.7137, 92.0235



65.9478, 81.7137, 144.5816



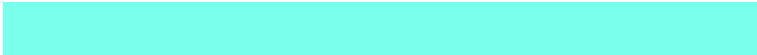
100.0098, 81.7137, 85.9894



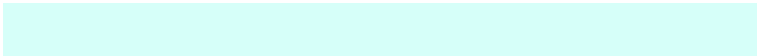
90.6971, 81.7137, 49.8374

Sweetspot

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



58.9274, 81.7142, 92.0250



80.6757, 92.6965, 103.4032



50.4207, 78.6721, 30.9419



16.9198, 19.6643, 21.9857



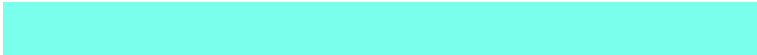
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.9274, 81.7142, 92.0250



54.9849, 79.7473, 88.8770



48.7430, 56.6904, 102.9811



18.4367, 20.4342, 22.6026



25.3799, 40.0486, 41.4814



2.5004, 3.9111, 4.1929

Inverse Universe

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



53.0082, 37.1036, 29.5686



48.5024, 30.6192, 20.2756



58.8582, 50.8754, 25.1319



18.1151, 18.0293, 19.2230



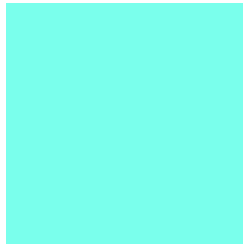
21.7503, 11.1894, 2.0698



2.1480, 1.1016, 0.3609

Previews

White Background



This preview shows how the XYZ color 58.9264, 81.7137, 92.0235 looks on a white background.

Color Contrast Check

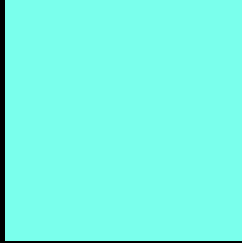
Large Text (above 18pt) WCAG AA × Fail

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 58.9264, 81.7137, 92.0235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

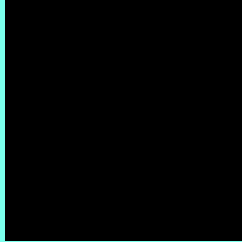
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

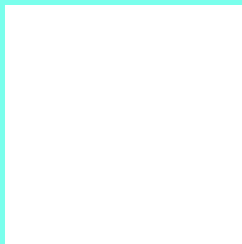
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9264, 81.7137, 92.0235

Background



This preview shows how black text looks on a background with the XYZ color 58.9264, 81.7137, 92.0235.

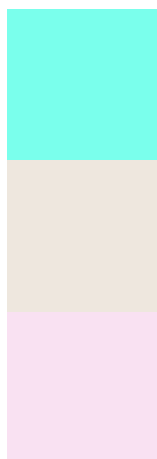


This preview shows how white text looks on a background with the XYZ color 58.9264, 81.7137,

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

58.9264, 81.7137, 92.0235

Protanopia

77.0206, 80.6029, 80.6057

Deuteranopia

82.0191, 80.4010, 95.2005



Tritanopia

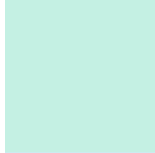
69.3920, 81.2663, 106.6364

Trichromacy



Original Color

58.9264, 81.7137, 92.0235



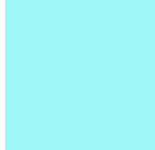
Protanomaly

67.7902, 79.6020, 84.4648



Deuteranomaly

70.3522, 78.9787, 93.9745



Tritanomaly

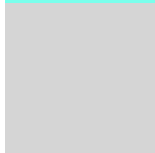
64.7012, 80.7724, 100.9875

Monochromacy



Original Color

58.9264, 81.7137, 92.0235



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.6169, 70.4106, 78.8551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9264, 81.7137, 92.0235 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(122, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(122, 255, 236)  
}
```

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(122, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 58.9264, 81.7137, 92.0235 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(122, 255, 236) }
```


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

```
.border{ border-color:rgb(122, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(122, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9264, 81.7137, 92.0235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 255, 236) }
```

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

```
.background{ background-color: rgb(122,  
255, 236) }
```

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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