

Converting Colors

XYZ(57.9953, 81.1935, 93.7954)

Have a look what the booklet for
XYZ(57.9953, 81.1935, 93.7954)
contains.

XYZ(58.0027, 81.2038, 93.5058)	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(58.0027, 81.2038,
93.5058)**

Conversions

Conversions Part 1

Format	Color
Hex	71FFEE
RGB	113, 255, 238
RGB Percent	44%, 100%, 93%
CMY	0.5568, 0.0000, 0.0667
CMYK	0.56, 0.00, 0.07, 0.00
HSL	173°, 100%, 72%
HSV	173°, 56%, 100%
XYZ	58.0027, 81.2038, 93.5058
YIQ	210.6040, -79.1750, -35.3910

Conversions

Conversions Part 2

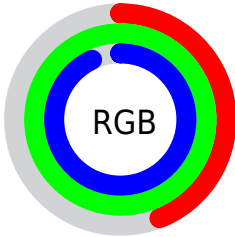
Format	Color
RYB	113, 189, 255
Decimal	7471086
CIELab	92.22, -42.37, -3.51
CIELCh	92, 42.516, 184.740
Yxy	81.2038, 0.2492, 0.3489
Android (android.graphics.Color)	4285661166 (0xFF71FFEE)
YUV	210.6040, 13.5062, -85.5987
Hunter-Lab	90.1132, -42.8038, 1.5570

Details

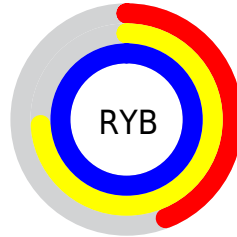
The XYZ color **58.0027, 81.2038, 93.5058** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **51.1753, 34.6834, 25.1178**, and the grayscale version is **61.6075, 64.8159, 70.5845**.

A 20% lighter version of the original color is **71.4892, 87.8540, 107.7974**, and **29.4005, 44.1589, 51.2299** is the 20% darker color. If you saturate the color by 10%, you get **54.7260, 79.5659, 91.0323**, and if you desaturate by 10%, it is **62.2105, 83.3207, 96.0654**.

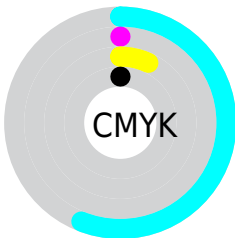
Distribution



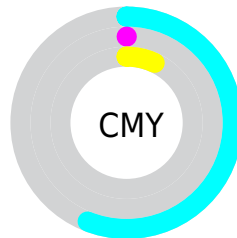
- Red (44%)
- Green (100%)
- Blue (93%)



- Red (44%)
- Yellow (74%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)




- Cyan (56%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0027, 81.2038, 93.5058 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 58.0027, 81.2038, 93.5058 by changing the saturation by 10% instead.


 58.0027, 81.2038,
93.5058

 58.0027, 81.2038,
93.5058


407.1497,
498.9805, 560.2320


 42.0541, 60.7095,
70.3020


 101.0497,
135.0569, 154.1764

 29.3349, 43.9907,
51.2944


 128.8789,
169.1844, 192.4804

 19.4799, 30.6632,
36.0646


 161.3989,
208.6252, 236.6547

 12.1236, 20.3425,
24.1940

198.9751,
253.7635, 287.1180

 6.9007, 12.6443,
15.2641

241.9730,
304.9838, 344.2889

 3.4459, 7.1841,
8.8563

290.7578,

 1.3937, 3.5775,

362.6705, 408.5858

4.5520

345.6949,
427.2079, 480.4273

■ 0.2517, 1.4401,
1.9328

■ 0.0000, 0.2460,
0.5135

■ 58.0027, 81.2038,
93.5058

■ 58.0027, 81.2038,
93.5058

■ 54.7260, 79.5659,
91.0323

■ 62.2105, 83.3207,
96.0654

■ 52.2978, 78.3647,
88.6365

■ 67.4165, 85.9513,
98.7103

■ 50.6264, 77.5527,
86.3155

■ 73.6852, 89.1289,
101.4449

■ 49.5970, 77.0707,
84.0637

■ 81.0747, 92.8834,
104.2723

■ 49.2789, 76.9276,
83.1097

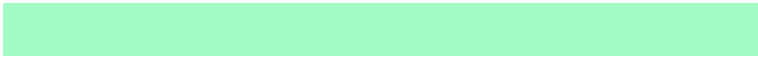
■ 89.6391, 97.2427,
107.1952

95.0500, 100.0000,
108.9000

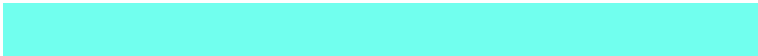
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.6260, 81.2038, 65.0522



58.0027, 81.2038, 93.5058



61.1062, 81.2038, 127.5241

Triad

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



58.0027, 81.2038, 93.5058



89.8431, 81.2038, 147.9632



86.5422, 81.2038, 44.2470

Complementary

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



58.0027, 81.2038, 93.5058



51.1753, 34.6834, 25.1178

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.



95.8550, 81.2038, 58.2542



58.0027, 81.2038, 93.5058



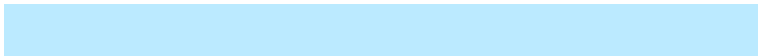
97.8840, 81.2038, 116.7977

Square

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



58.0027, 81.2038, 93.5058



78.9387, 81.2038, 163.3628



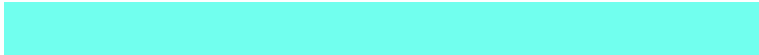
100.1815, 81.2038, 83.5165



75.4511, 81.2038, 40.8266

Rectangle

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



58.0027, 81.2038, 93.5058



65.6285, 81.2038, 147.5197



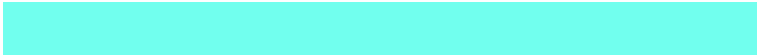
100.1815, 81.2038, 83.5165



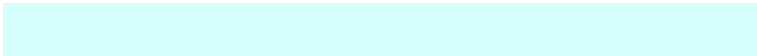
90.0171, 81.2038, 47.6785

Sweetspot

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



58.0037, 81.2043, 93.5073



80.0362, 92.3553, 103.8948



48.2471, 77.6130, 28.0625



16.8001, 19.5996, 22.1151



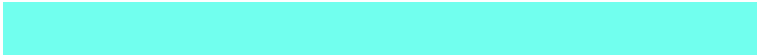
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.0037, 81.2043, 93.5073



54.3597, 79.3838, 90.7125



46.2015, 53.4125, 102.4823



18.4557, 20.4418, 22.7027



25.7864, 40.2112, 43.6221



2.5360, 3.9253, 4.3806

Inverse Universe

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



51.1753, 34.6834, 25.1178



46.9514, 28.6357, 16.3104



57.6888, 49.3881, 22.1169



18.0978, 18.0224, 19.1322



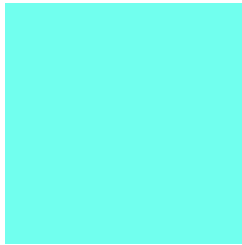
21.7024, 11.1702, 1.8173



2.1399, 1.0983, 0.3184

Previews

White Background



This preview shows how the XYZ color 58.0027, 81.2038, 93.5058 looks on a white background.

Color Contrast Check

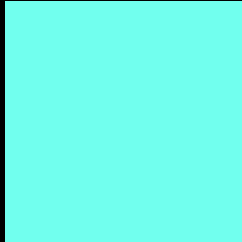
Large Text (above 18pt) WCAG AA × Fail

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 58.0027, 81.2038, 93.5058 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 58.0027, 81.2038, 93.5058

Background



This preview shows how black text looks on a background with the XYZ color 58.0027, 81.2038, 93.5058.

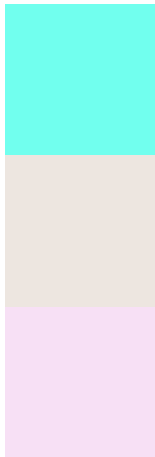


This preview shows how white text looks on a background with the XYZ color 58.0027, 81.2038,

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

58.0027, 81.2038, 93.5058

Protanopia

76.6764, 79.9800, 81.9174

Deuteranopia

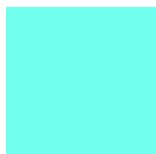
81.4949, 79.6780, 97.4704



Tritanopia

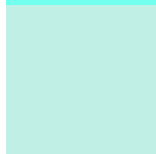
68.1622, 80.1892, 106.4933

Trichromacy



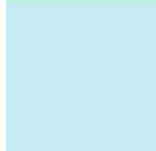
Original Color

58.0027, 81.2038, 93.5058



Protanomaly

66.7476, 78.5966, 85.7814



Deuteranomaly

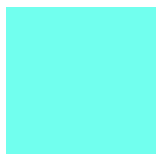
69.0240, 77.8332, 95.3898



Tritanomaly

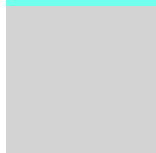
63.6861, 80.2311, 101.7521

Monochromacy



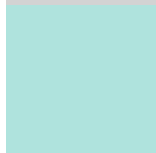
Original Color

58.0027, 81.2038, 93.5058



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.1994, 69.2726, 78.7101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0027, 81.2038, 93.5058 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(113, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(113, 255, 238)  
}
```

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(113, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 58.0027, 81.2038, 93.5058 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(113, 255, 238) }
```


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

```
.border{ border-color:rgb(113, 255, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(113, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0027, 81.2038, 93.5058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 255, 238) }
```

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

```
.background{ background-color: rgb(113,  
255, 238) }
```

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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