

Converting Colors

XYZ(62.5348, 77.1449,
126.4399)

Have a look what the booklet for
XYZ(62.5348, 77.1449, 126.4399)
contains.

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Color

**XYZ(58.7048, 75.7568,
106.1362)**

Conversions

Conversions Part 1

Format	Color
Hex	7EF3FF
RGB	126, 243, 255
RGB Percent	49%, 95%, 100%
CMY	0.5059, 0.0470, 0.0000
CMYK	0.51, 0.05, 0.00, 0.00
HSL	186°, 100%, 75%
HSV	186°, 51%, 100%
XYZ	58.7048, 75.7568, 106.1362
YIQ	209.3850, -73.5840, -21.0720

Conversions

Conversions Part 2

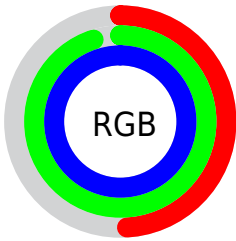
Format	Color
R_{YB}	126, 187, 255
Decimal	8319999
CIE _{Lab}	89.75, -29.99, -15.98
CIE _{LCh}	90, 33.986, 208.052
Yxy	75.7568, 0.2440, 0.3149
Android (android.graphics.Color)	4286510079 (0xFF7EF3FF)
YUV	209.3850, 22.4882, -73.1286
Hunter-Lab	87.0384, -31.9242, -11.3724

Details

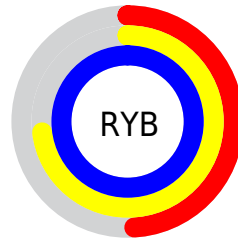
The XYZ color **58.7048, 75.7568, 106.1362** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.0951, 40.9442, 24.7927**, and the grayscale version is **60.7499, 63.9136, 69.6019**.

A 20% lighter version of the original color is **74.0597, 89.1791, 107.9177**, and **29.6154, 40.1557, 59.6160** is the 20% darker color. If you saturate the color by 10%, you get **54.7083, 72.6515, 105.7474**, and if you desaturate by 10%, it is **63.6727, 79.3800, 106.5737**.

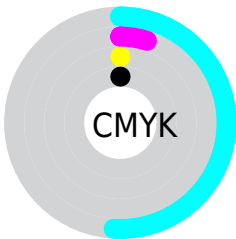
Distribution



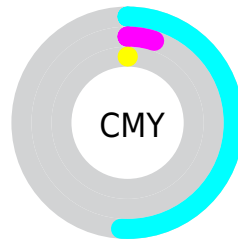
- Red (49%)
- Green (95%)
- Blue (100%)



- Red (49%)
- Yellow (73%)
- Blue (100%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7048, 75.7568, 106.1362 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 58.7048, 75.7568, 106.1362 by changing the saturation by 10% instead.

58.7048, 75.7568,
106.1362

58.7048, 75.7568,
106.1362

409.7187,
480.5148, 601.1057

42.6210, 56.2331,
80.7896

102.0656,
127.3831, 171.6896

29.7811, 40.3899,
59.8383

130.0733,
160.2544, 212.7335

19.8197, 27.8426,
42.8639

162.7863,
198.3438, 259.8470

12.3716, 18.2071,
29.4477

200.5700,
242.0356, 313.4484

7.0713, 11.0988,
19.1713

243.7897,
291.7142, 373.9565

3.5534, 6.1333,
11.6161

292.8108,

1.4527, 2.9263,

347.7640, 441.7897

6.3635

347.9987,
410.5694, 517.3666

■ 0.2933, 1.0934,
2.9950

■ 0.0000, 0.0000,
1.0921

■ 58.7048, 75.7568,
106.1362

■ 58.7048, 75.7568,
106.1362

■ 54.7083, 72.6515,
105.7474

■ 63.6727, 79.3800,
106.5737

■ 51.6027, 70.0173,
105.4027

■ 69.6725, 83.5470,
107.0618

■ 49.3048, 67.8129,
105.0983

■ 76.7667, 88.2920,
107.6038

■ 47.7126, 65.9859,
104.8296

■ 85.0113, 93.6437,
108.2022

■ 46.7059, 64.5318,
104.6020

94.4583, 99.6292,
108.8596

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.



57.0769, 75.7568, 80.9278



58.7048, 75.7568, 106.1362



63.8134, 75.7568, 128.1451

Triad

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



58.7048, 75.7568, 106.1362



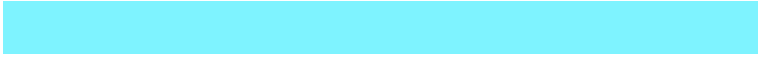
86.5545, 75.7568, 109.3824



72.5536, 75.7568, 44.4398

Complementary

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



58.7048, 75.7568, 106.1362



54.0951, 40.9442, 24.7927

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.



80.8683, 75.7568, 49.2097



58.7048, 75.7568, 106.1362



89.3314, 75.7568, 84.0646

Square

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



58.7048, 75.7568, 106.1362



79.8477, 75.7568, 130.2603



87.1751, 75.7568, 62.6396



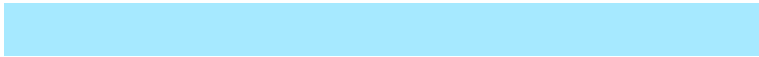
64.6926, 75.7568, 48.1066

Rectangle

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



58.7048, 75.7568, 106.1362



68.7212, 75.7568, 136.3461



87.1751, 75.7568, 62.6396



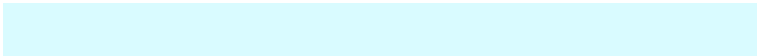
75.3909, 75.7568, 45.0870

Sweetspot

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



58.7069, 75.7596, 106.1366



81.2267, 91.2048, 107.9309



48.8629, 77.7552, 36.0081



17.0164, 19.2815, 23.0748



0.0000, 0.0000, 0.0000



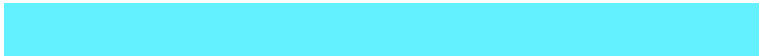
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7069, 75.7596, 106.1366



54.5625, 72.5332, 105.7323



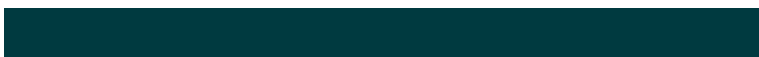
42.9267, 44.1992, 100.8766



18.4019, 20.1755, 23.1743



24.4643, 33.8381, 54.6766



2.4224, 3.3755, 5.3371

Inverse Universe

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



64.8799, 42.6546, 89.6107



61.5523, 36.5923, 86.6736



65.9519, 64.6577, 28.7449



18.7155, 18.2695, 22.3851



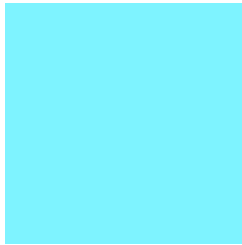
29.1366, 14.1439, 40.9655



2.8573, 1.3853, 4.0960

Previews

White Background



This preview shows how the XYZ color 58.7048, 75.7568, 106.1362 looks on a white background.

Color Contrast Check

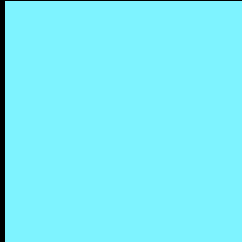
Large Text (above 18pt) WCAG AA × Fail

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 58.7048, 75.7568, 106.1362 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 58.7048, 75.7568, 106.1362

Background



This preview shows how black text looks on a background with the XYZ color 58.7048, 75.7568, 106.1362.

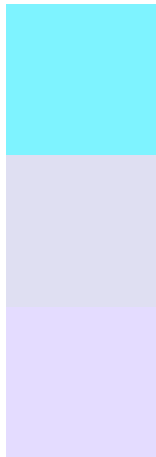


This preview shows how white text looks on a background with the XYZ color 58.7048, 75.7568,

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

58.7048, 75.7568, 106.1362

Protanopia

72.8461, 74.8741, 94.6172

Deuteranopia

75.6381, 74.9004, 105.0784



Tritanopia

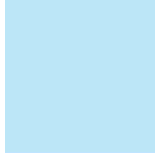
61.8654, 75.6284, 105.9448

Trichromacy



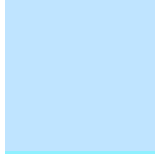
Original Color

58.7048, 75.7568, 106.1362



Protanomaly

65.8244, 74.0004, 98.8099



Deuteranomaly

67.2793, 73.7832, 105.3033



Tritanomaly

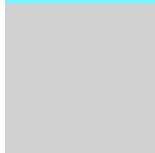
60.5378, 75.3798, 105.9668

Monochromacy



Original Color

58.7048, 75.7568, 106.1362



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.1743, 66.7876, 81.7767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7048, 75.7568, 106.1362 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(126, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(126, 243, 255)  
}
```

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(126, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.7048, 75.7568, 106.1362 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(126, 243, 255) }
```


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

```
.border{ border-color:rgb(126, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(126, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7048, 75.7568, 106.1362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 243, 255) }
```

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

```
.background{ background-color: rgb(126,  
243, 255) }
```

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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