

Converting Colors

XYZ(58.7767, 72.5558,
105.5145)

Have a look what the booklet for
XYZ(58.7767, 72.5558, 105.5145)
contains.

XYZ(58.8607, 72.7864, 105.5546)	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(58.8607, 72.7864,
105.5546)**

Conversions

Conversions Part 1

Format	Color
Hex	8CECFF
RGB	140, 236, 255
RGB Percent	55%, 93%, 100%
CMY	0.4510, 0.0745, 0.0000
CMYK	0.45, 0.07, 0.00, 0.00
HSL	190°, 100%, 77%
HSV	190°, 45%, 100%
XYZ	58.8607, 72.7864, 105.5546
YIQ	209.4620, -63.3150, -14.4430

Conversions

Conversions Part 2

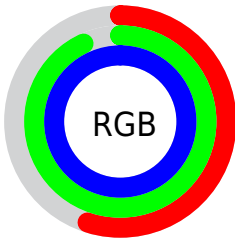
Format	Color
R_{YB}	140, 192, 255
Decimal	9235711
CIE _{Lab}	88.35, -23.58, -18.03
CIE _{LCh}	88, 29.686, 217.409
Yxy	72.7864, 0.2481, 0.3069
Android (android.graphics.Color)	4287425791 (0xFF8CECFF)
YUV	209.4620, 22.4502, -60.9182
Hunter-Lab	85.3149, -26.1500, -13.6352

Details

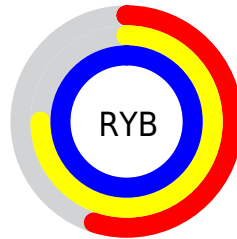
The XYZ color **58.8607, 72.7864, 105.5546** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.3724, 47.9503, 30.9917**, and the grayscale version is **60.7954, 63.9615, 69.6541**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **29.8226, 38.4252, 59.2711** is the 20% darker color. If you saturate the color by 10%, you get **53.8533, 68.4274, 104.9772**, and if you desaturate by 10%, it is **64.8962, 77.7213, 106.1891**.

Distribution



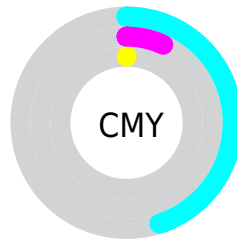
- Red (55%)
- Green (93%)
- Blue (100%)



- Red (55%)
- Yellow (75%)
- Blue (100%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8607, 72.7864, 105.5546 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 58.8607, 72.7864, 105.5546 by changing the saturation by 10% instead.

58.8607, 72.7864,
105.5546

58.8607, 72.7864,
105.5546

410.2879,
470.2742, 599.2563

42.7469, 53.8013,
80.3048

102.2910,
123.1739, 170.8880

29.8803, 38.4428,
59.4416

130.3382,
155.3452, 211.8086

19.8953, 26.3266,
42.5463

163.0939,
192.6806, 258.7900

12.4268, 17.0681,
29.2006

200.9235,
235.5646, 312.2506

7.1093, 10.2831,
18.9857

244.1924,
284.3815, 372.6090

3.5775, 5.5870,
11.4832

293.2658,

1.4660, 2.5956,

339.5159, 440.2837

6.2746

348.5092,
401.3519, 515.6933

■ 0.3025, 0.9245,
2.9413

■ 0.0000, 0.0000,
1.0647

■ 58.8607, 72.7864,
105.5546

■ 58.8607, 72.7864,
105.5546

■ 53.8533, 68.4274,
104.9772

■ 64.8962, 77.7213,
106.1891

■ 49.7981, 64.5997,
104.4521

■ 72.0170, 83.2567,
106.8822

■ 46.6181, 61.2651,
103.9761

■ 80.2832, 89.4257,
107.6372

■ 44.2214, 58.3759,
103.5447

■ 89.7488, 96.2562,
108.4568

■ 42.4945, 55.8733,
103.1527

95.0500, 100.0000,
108.9000

■ 41.8132, 54.7464,
102.9711

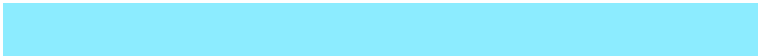
Harmonies

Analogous

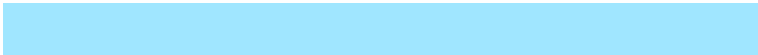
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.4667, 72.7864, 84.4196



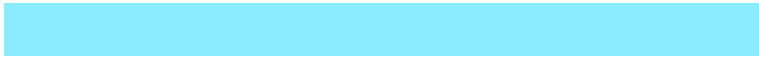
58.8607, 72.7864, 105.5546



64.0513, 72.7864, 121.2724

Triad

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



58.8607, 72.7864, 105.5546



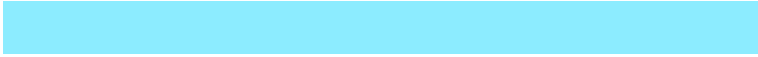
82.6153, 72.7864, 95.2984



67.4298, 72.7864, 46.3664

Complementary

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



58.8607, 72.7864, 105.5546



58.3724, 47.9503, 30.9917

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.



74.5781, 72.7864, 48.2683



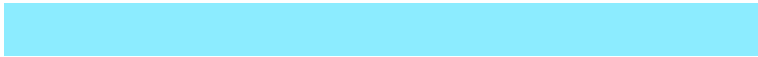
58.8607, 72.7864, 105.5546



83.6741, 72.7864, 74.2997

Square

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



58.8607, 72.7864, 105.5546



77.8414, 72.7864, 114.6776



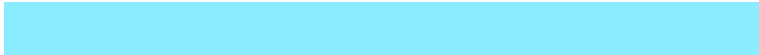
80.6428, 72.7864, 57.7278



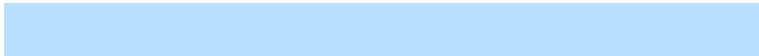
61.1885, 72.7864, 51.9954

Rectangle

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



58.8607, 72.7864, 105.5546



68.5639, 72.7864, 125.2593



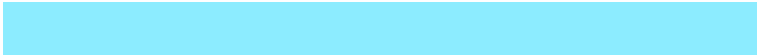
80.6428, 72.7864, 57.7278



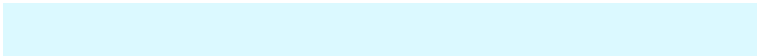
69.8024, 72.7864, 46.1656

Sweetspot

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



58.8627, 72.7891, 105.5551



81.2612, 90.1415, 107.7239



52.6837, 79.5389, 44.5881



16.9841, 18.9940, 23.0210



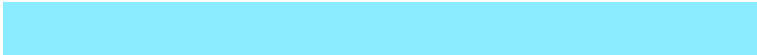
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.8627, 72.7891, 105.5551



54.3545, 68.8787, 105.0379



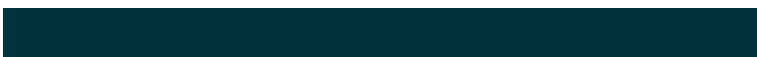
45.2386, 45.5408, 101.0137



18.2844, 19.9404, 23.1351



21.9430, 28.7956, 53.8362



2.2014, 2.9336, 5.2635

Inverse Universe

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



65.7598, 46.0741, 84.7872



62.2378, 39.8932, 80.9526



70.2113, 71.6282, 34.9381



18.6562, 18.2458, 22.0727



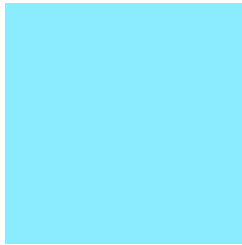
27.8640, 13.6349, 34.2640



2.7458, 1.3407, 3.5087

Previews

White Background



This preview shows how the XYZ color 58.8607, 72.7864, 105.5546 looks on a white background.

Color Contrast Check

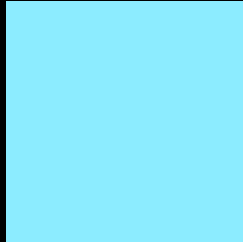
Large Text (above 18pt) WCAG AA × Fail

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 58.8607, 72.7864, 105.5546 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 58.8607, 72.7864, 105.5546

Background



This preview shows how black text looks on a background with the XYZ color 58.8607, 72.7864, 105.5546.

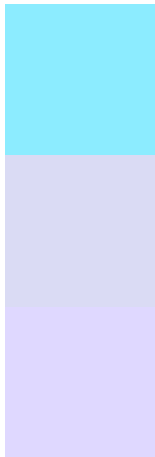


This preview shows how white text looks on a background with the XYZ color 58.8607, 72.7864,

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

58.8607, 72.7864, 105.5546

Protanopia

70.5741, 72.1001, 95.7850

Deuteranopia

73.0373, 72.0197, 104.6595



Tritanopia

58.8607, 72.7864, 105.5546

Trichromacy



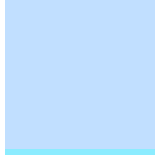
Original Color

58.8607, 72.7864, 105.5546



Protanomaly

65.1037, 71.5749, 99.1909



Deuteranomaly

66.4300, 71.3328, 104.8751



Tritanomaly

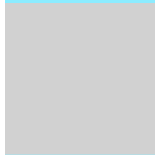
58.8607, 72.7864, 105.5546

Monochromacy



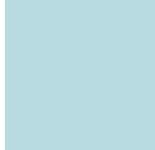
Original Color

58.8607, 72.7864, 105.5546



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.8261, 66.3444, 81.6568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8607, 72.7864, 105.5546 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(140, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 236, 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(140, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.8607, 72.7864, 105.5546 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(140, 236, 255) }
```


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

```
.border{ border-color:rgb(140, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8607, 72.7864, 105.5546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 236, 255) }
```

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

```
.background{ background-color: rgb(140,  
236, 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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