

Converting Colors

XYZ(58.7547, 70.2338,
104.8968)

Have a look what the booklet for
XYZ(58.7547, 70.2338, 104.8968)
contains.

XYZ(58.7412, 70.2032, 105.0623)	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(58.7412, 70.2032,
105.0623)**

Conversions

Conversions Part 1

Format	Color
Hex	95E6FF
RGB	149, 230, 255
RGB Percent	58%, 90%, 100%
CMY	0.4157, 0.0980, 0.0000
CMYK	0.42, 0.10, 0.00, 0.00
HSL	194°, 100%, 79%
HSV	194°, 42%, 100%
XYZ	58.7412, 70.2032, 105.0623
YIQ	208.6310, -56.3010, -9.3970

Conversions

Conversions Part 2

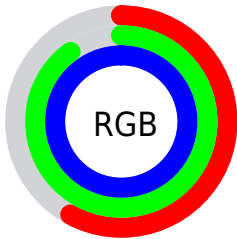
Format	Color
RYB	149, 195, 255
Decimal	9823999
CIELab	87.10, -18.48, -19.88
CIElCh	87, 27.146, 227.084
Yxy	70.2032, 0.2510, 0.3000
Android (android.graphics.Color)	4288014079 (0xFF95E6FF)
YUV	208.6310, 22.8599, -52.2964
Hunter-Lab	83.7873, -21.4860, -15.6935

Details

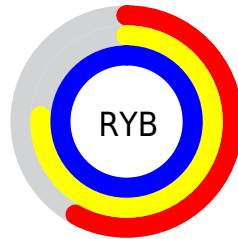
The XYZ color **58.7412, 70.2032, 105.0623** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.8013, 53.7023, 35.5439**, and the grayscale version is **60.2479, 63.3855, 69.0268**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **29.7427, 36.6246, 58.9277** is the 20% darker color. If you saturate the color by 10%, you get **52.9438, 64.7745, 104.3200**, and if you desaturate by 10%, it is **65.6186, 76.2777, 105.8723**.

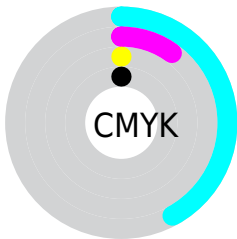
Distribution



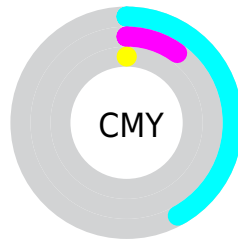
- Red (58%)
- Green (90%)
- Blue (100%)



- Red (58%)
- Yellow (76%)
- Blue (100%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7412, 70.2032, 105.0623 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 58.7412, 70.2032, 105.0623 by changing the saturation by 10% instead.

■ 58.7412, 70.2032,
105.0623

■ 58.7412, 70.2032,
105.0623

409.8517,
461.2632, 597.6885

■ 42.6504, 51.6922,
79.8946

■ 102.1182,
119.4985, 170.2090

■ 29.8042, 36.7598,
59.1060

■ 130.1351,
151.0516, 211.0252

■ 19.8374, 25.0216,
42.2779

162.8581,
187.7208, 257.8945

■ 12.3845, 16.0931,
28.9917

200.6525,
229.8906, 311.2356

■ 7.0801, 9.5901,
18.8290

243.8837,
277.9453, 371.4671

■ 3.5590, 5.1280,
11.3712

292.9171,

■ 1.4558, 2.3226,

332.2694, 439.0073

6.1998

348.1179,
393.2472, 514.2750

■ 0.2955, 0.7856,
2.8962

■ 0.0000, 0.0000,
1.0419

■ 58.7412, 70.2032,
105.0623

■ 58.7412, 70.2032,
105.0623

■ 52.9438, 64.7745,
104.3200

■ 65.6186, 76.2777,
105.8723

■ 48.1529, 59.9479,
103.6409

■ 73.6319, 83.0226,
106.7519

■ 44.2946, 55.6860,
103.0216

■ 82.8398, 90.4708,
107.7042

■ 41.2818, 51.9431,
102.4580

■ 93.2954, 98.6503,
108.7320

■ 39.0097, 48.6643,
101.9449

95.0500, 100.0000,
108.9000

■ 37.5350, 46.1900,
101.5450

Harmonies

Analogous

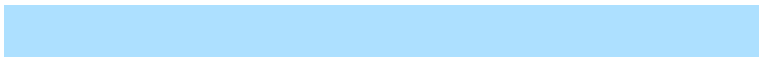
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.7067, 70.2032, 87.1962



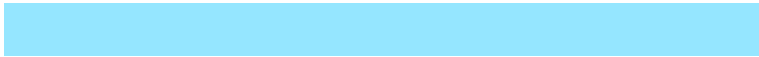
58.7412, 70.2032, 105.0623



64.0300, 70.2032, 115.9069

Triad

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



58.7412, 70.2032, 105.0623



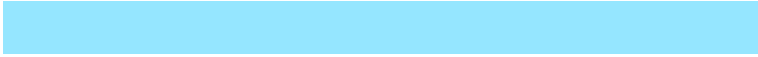
79.3685, 70.2032, 84.5371



63.1977, 70.2032, 47.6131

Complementary

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



58.7412, 70.2032, 105.0623



61.8013, 53.7023, 35.5439

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.



69.4967, 70.2032, 47.1338



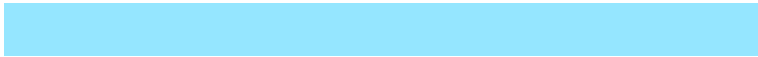
58.7412, 70.2032, 105.0623



79.1104, 70.2032, 66.6057

Square

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



58.7412, 70.2032, 105.0623



76.0880, 70.2032, 102.8511



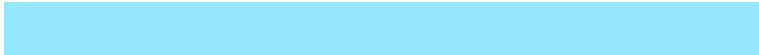
75.4035, 70.2032, 53.5534



58.1653, 70.2032, 54.9870

Rectangle

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



58.7412, 70.2032, 105.0623



68.2456, 70.2032, 116.7253



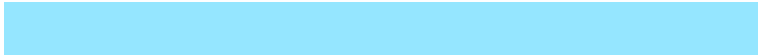
75.4035, 70.2032, 53.5534



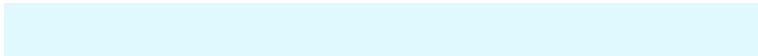
65.2292, 70.2032, 46.6870

Sweetspot

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



58.7431, 70.2058, 105.0627



82.4156, 90.1333, 107.6614



55.7696, 80.9557, 52.5966



17.3694, 19.0761, 23.0165



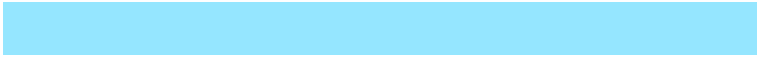
0.0000, 0.0000, 0.0000



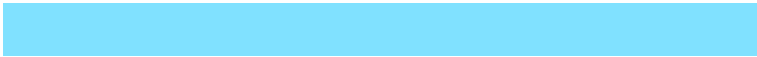
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7431, 70.2058, 105.0627



53.7841, 65.5846, 104.4321



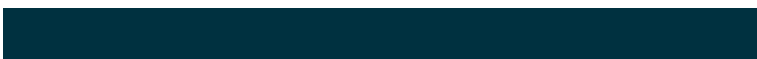
46.2207, 45.1610, 100.8886



18.1705, 19.7125, 23.0972



19.7334, 24.3764, 53.0996



2.0048, 2.5403, 5.1979

Inverse Universe

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



66.2716, 48.4697, 80.7285



62.4756, 42.0008, 76.0003



74.0617, 78.2231, 39.6307



18.5987, 18.2228, 21.7698



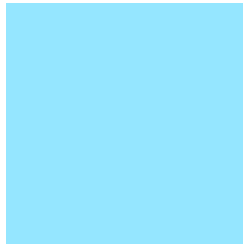
26.7487, 13.1888, 28.3909



2.6465, 1.3010, 2.9861

Previews

White Background



This preview shows how the XYZ color 58.7412, 70.2032, 105.0623 looks on a white background.

Color Contrast Check

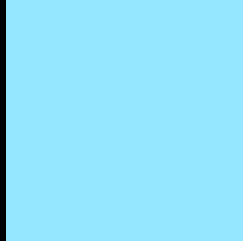
Large Text (above 18pt) WCAG AA × Fail

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 58.7412, 70.2032, 105.0623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

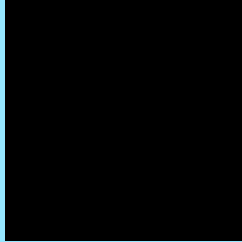
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7412, 70.2032, 105.0623

Background



This preview shows how black text looks on a background with the XYZ color 58.7412, 70.2032, 105.0623.



This preview shows how white text looks on a background with the XYZ color 58.7412, 70.2032,

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

58.7412, 70.2032, 105.0623

Protanopia

68.6310, 69.9117, 97.0658

Deuteranopia

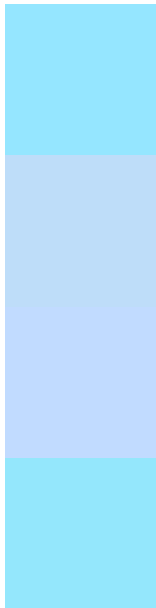
70.7577, 69.7139, 104.3345



Tritanopia

57.8639, 70.2570, 100.9537

Trichromacy



Original Color

58.7412, 70.2032, 105.0623

Protanomaly

64.1905, 69.4996, 99.6541

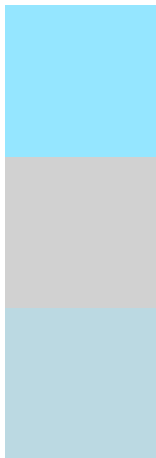
Deuteranomaly

65.3738, 69.2205, 104.5231

Tritanomaly

58.3593, 70.4760, 102.6228

Monochromacy



Original Color

58.7412, 70.2032, 105.0623

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.0338, 65.6815, 81.5179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7412, 70.2032, 105.0623 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(149, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 230, 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(149, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.7412, 70.2032, 105.0623 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(149, 230, 255) }
```


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

```
.border{ border-color:rgb(149, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7412, 70.2032, 105.0623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 230, 255) }
```

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

```
.background{ background-color: rgb(149,  
230, 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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