

Converting Colors

XYZ(58.4556, 67.2772,
102.0003)

Have a look what the booklet for
XYZ(58.4556, 67.2772, 102.0003)
contains.

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Color

**XYZ(58.4556, 67.2772,
102.0003)**

Conversions

Conversions Part 1

Format	Color
Hex	A0DFFC
RGB	160, 223, 252
RGB Percent	63%, 87%, 99%
CMY	0.3725, 0.1255, 0.0118
CMYK	0.37, 0.12, 0.00, 0.01
HSL	199°, 94%, 81%
HSV	199°, 37%, 99%
XYZ	58.4556, 67.2772, 102.0003
YIQ	207.4690, -46.8570, -4.3370

Conversions

Conversions Part 2

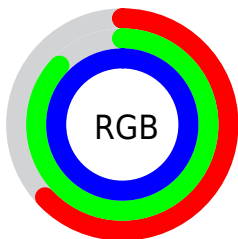
Format	Color
R _Y B	160, 197, 252
Decimal	10543100
CIE Lab	85.64, -12.91, -20.45
CIE LCh	86, 24.183, 237.723
Yxy	67.2772, 0.2567, 0.2954
Android (android.graphics.Color)	4288733180 (0xFFA0DFFC)
YUV	207.4690, 21.9538, -41.6303
Hunter-Lab	82.0227, -16.3270, -16.3149

Details

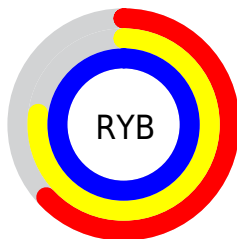
The XYZ color **58.4556, 67.2772, 102.0003** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.6889, 59.6299, 41.3599**, and the grayscale version is **59.4968, 62.5952, 68.1662**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **29.5619, 34.8885, 56.8058** is the 20% darker color. If you saturate the color by 10%, you get **51.8470, 60.7949, 101.0986**, and if you desaturate by 10%, it is **66.1889, 74.4903, 102.9861**.

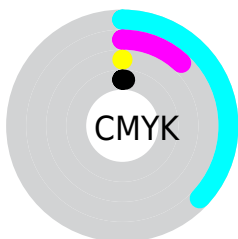
Distribution



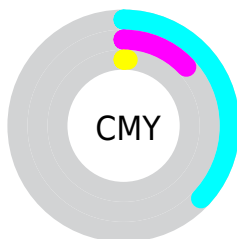
- Red (63%)
- Green (87%)
- Blue (99%)



- Red (63%)
- Yellow (77%)
- Blue (99%)



- Cyan (37%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (37%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4556, 67.2772, 102.0003 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 58.4556, 67.2772, 102.0003 by changing the saturation by 10% instead.

■ 58.4556, 67.2772,
102.0003

■ 58.4556, 67.2772,
102.0003

408.8080,
450.9308, 587.8883

■ 42.4197, 49.3099,
77.3460

■ 101.7052,
115.3175, 165.9791

■ 29.6226, 34.8654,
57.0236

■ 129.6496,
146.1594, 206.1407

■ 19.6990, 23.5592,
40.6147

162.2942,
182.0615, 252.3084

■ 12.2834, 15.0070,
27.7007

200.0044,
223.4084, 304.9009

■ 7.0106, 8.8243,
17.8631

243.1455,
270.5844, 364.3365

■ 3.5151, 4.6267,
10.6833

292.0829,

■ 1.4316, 2.0300,

323.9738, 431.0340

5.7428

347.1820,
383.9612, 505.4117

■ 0.2786, 0.6248,
2.6231

■ 0.0000, 0.0000,
0.9043

■ 58.4556, 67.2772,
102.0003

■ 58.4556, 67.2772,
102.0003

■ 51.8470, 60.7949,
101.0986

■ 66.1889, 74.4903,
102.9861

■ 46.2935, 55.0007,
100.2729

■ 75.0989, 82.4581,
104.0545

■ 41.7270, 49.8591,
99.5211

■ 85.2416, 91.2132,
105.2098

■ 38.0680, 45.3271,
98.8392

■ 94.4996, 99.6657,
106.3534

■ 35.2238, 41.3546,
98.2224

94.5709, 99.8084,
106.3771

■ 33.0784, 37.8797,
97.6647

■ 32.4322, 36.7510,
97.4809

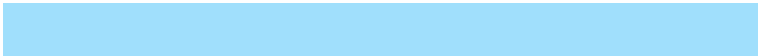
Harmonies

Analogous

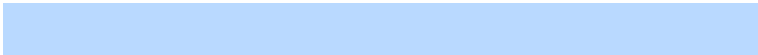
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.0224, 67.2772, 88.2858



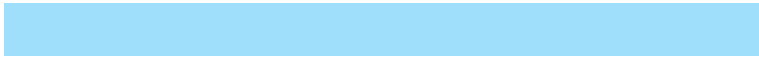
58.4556, 67.2772, 102.0003



63.5253, 67.2772, 107.9245

Triad

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



58.4556, 67.2772, 102.0003



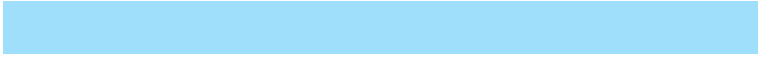
75.1195, 67.2772, 74.4646



59.1445, 67.2772, 49.5551

Complementary

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



58.4556, 67.2772, 102.0003



64.6889, 59.6299, 41.3599

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.



64.3665, 67.2772, 46.9383



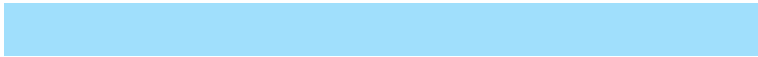
58.4556, 67.2772, 102.0003



73.7835, 67.2772, 60.0323

Square

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



58.4556, 67.2772, 102.0003



73.3217, 67.2772, 90.6698



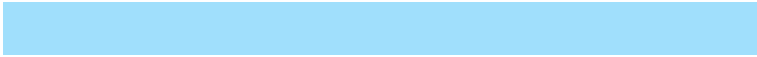
69.7676, 67.2772, 50.4892



55.4038, 67.2772, 58.2237

Rectangle

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



58.4556, 67.2772, 102.0003



67.2229, 67.2772, 106.1023



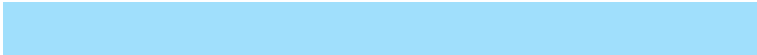
69.7676, 67.2772, 50.4892



60.7754, 67.2772, 47.9982

Sweetspot

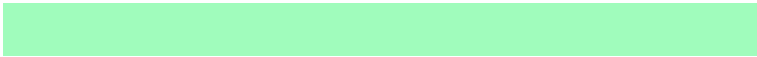
The Sweet Spot groups the original color and five complimentary colors.



58.4577, 67.2798, 102.0019



82.7168, 89.5508, 107.5331



58.3433, 80.7095, 59.8566



17.4030, 18.9069, 22.9821



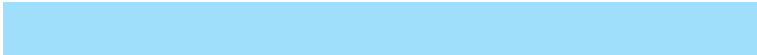
0.0000, 0.0000, 0.0000



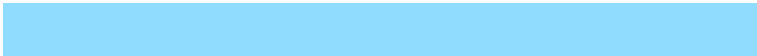
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4577, 67.2798, 102.0019



54.8405, 64.0366, 104.0776



48.0698, 46.5041, 98.5392



17.2774, 18.6316, 22.0709



17.0323, 19.4201, 50.8243



1.6725, 1.9886, 4.7389

Inverse Universe

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



66.0367, 51.1667, 76.2104



63.9024, 45.9929, 72.9661



75.8006, 81.8532, 45.0638



17.7466, 17.4260, 20.5211



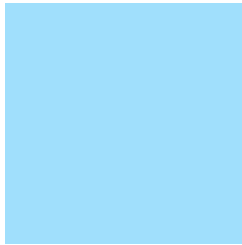
24.8891, 12.3714, 21.9223



2.3531, 1.1650, 2.2829

Previews

White Background



This preview shows how the XYZ color 58.4556, 67.2772, 102.0003 looks on a white background.

Color Contrast Check

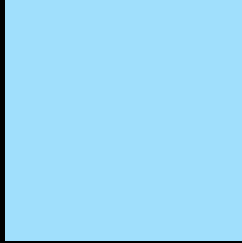
Large Text (above 18pt) WCAG AA × Fail

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 58.4556, 67.2772, 102.0003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

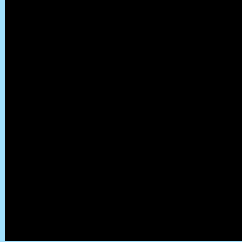
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4556, 67.2772, 102.0003

Background



This preview shows how black text looks on a background with the XYZ color 58.4556, 67.2772, 102.0003.

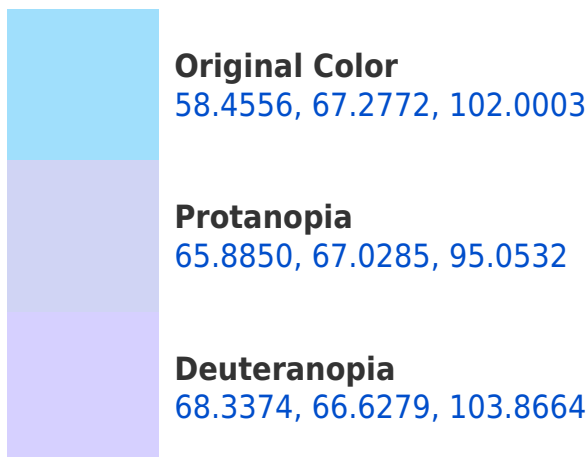


This preview shows how white text looks on a background with the XYZ color 58.4556, 67.2772,

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





Tritanopia

57.2034, 67.5906, 94.8254

Trichromacy



Original Color

58.4556, 67.2772, 102.0003

Protanomaly

62.8302, 66.9035, 97.5978

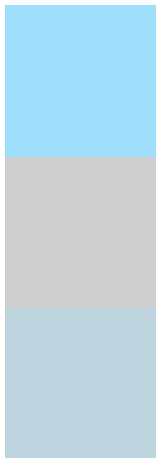
Deuteranomaly

63.9318, 66.2136, 103.1769

Tritanomaly

57.5883, 67.3361, 97.1507

Monochromacy



Original Color

58.4556, 67.2772, 102.0003

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3487, 63.8634, 79.0636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4556, 67.2772, 102.0003 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(160, 223, 252)` looks like.

```
.text, #text, p{  
    color:rgb(160, 223, 252)  
}
```

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(160, 223, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 223, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.4556, 67.2772, 102.0003 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(160, 223, 252) }
```


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

```
.border{ border-color:rgb(160, 223, 252) }
```

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

Here you see how a box with a 4 pixel rgb(160, 223, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 223, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 223, 252);  
box-shadow:4px 4px 4px 4px rgb(160, 223,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4556, 67.2772, 102.0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 223, 252) }
```

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

```
.background{ background-color: rgb(160,  
223, 252) }
```

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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