

Converting Colors

XYZ(58.6866, 67.4884, 95.1332)

Have a look what the booklet for
XYZ(58.6866, 67.4884, 95.1332)
contains.

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Color

**XYZ(58.8653, 67.6318,
95.5397)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DFF4
RGB	168, 223, 244
RGB Percent	66%, 87%, 96%
CMY	0.3412, 0.1255, 0.0431
CMYK	0.31, 0.09, 0.00, 0.04
HSL	197°, 78%, 81%
HSV	197°, 31%, 96%
XYZ	58.8653, 67.6318, 95.5397
YIQ	208.9490, -39.5210, -5.1290

Conversions

Conversions Part 2

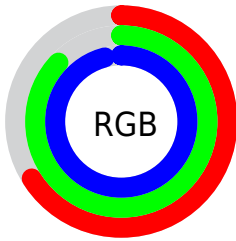
Format	Color
R _Y B	168, 200, 244
Decimal	11067380
CIE Lab	85.82, -12.69, -15.92
CIE LCh	86, 20.357, 231.433
Yxy	67.6318, 0.2651, 0.3046
Android (android.graphics.Color)	4289257460 (0xFFA8DFF4)
YUV	208.9490, 17.2801, -35.9123
Hunter-Lab	82.2386, -16.1495, -11.3125

Details

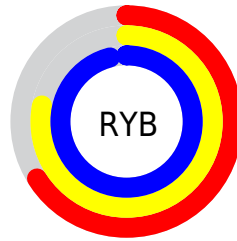
The XYZ color **58.8653, 67.6318, 95.5397** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.5748, 58.4564, 45.0328**, and the grayscale version is **60.4821, 63.6319, 69.2952**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **29.8898, 35.1468, 52.7856** is the 20% darker color. If you saturate the color by 10%, you get **52.3850, 61.6717, 94.7320**, and if you desaturate by 10%, it is **66.3961, 74.2431, 96.4200**.

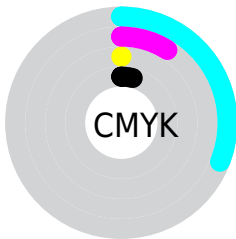
Distribution



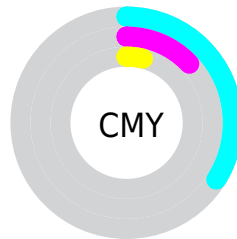
- Red (66%)
- Green (87%)
- Blue (96%)



- Red (66%)
- Yellow (78%)
- Blue (96%)



- Cyan (31%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8653, 67.6318, 95.5397 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 58.8653, 67.6318, 95.5397 by changing the saturation by 10% instead.

■ 58.8653, 67.6318,
95.5397

■ 58.8653, 67.6318,
95.5397

410.3046,
452.1904, 566.9197

■ 42.7506, 49.5982,
71.9849

■ 102.2976,
115.8252, 157.0120

■ 29.8832, 35.0943,
52.6596

■ 130.3460,
146.7539, 195.7666

■ 19.8976, 23.7355,
37.1452

163.1030,
182.7498, 240.4248

■ 12.4284, 15.1375,
25.0233

200.9339,
224.1972, 291.4052

■ 7.1104, 8.9160,
15.8752

244.2042,
271.4806, 349.1264

■ 3.5782, 4.6864,
9.2825

293.2792,

■ 1.4664, 2.0645,

324.9843, 414.0068

4.8266

348.5242,
385.0928, 486.4651

■ 0.3028, 0.6445,
2.0889

■ 0.0000, 0.0000,
0.6092

■ 58.8653, 67.6318,
95.5397

■ 58.8653, 67.6318,
95.5397

■ 52.3850, 61.6717,
94.7320

■ 66.3961, 74.2431,
96.4200

■ 46.8936, 56.3251,
93.9894

■ 75.0223, 81.5252,
97.3710

■ 42.3321, 51.5619,
93.3104

■ 84.7938, 89.5066,
98.3965

■ 38.6328, 47.3458,
92.6916

■ 91.7457, 96.1444,
99.3114

■ 35.7176, 43.6355,
92.1291

■ 93.3294, 99.3117,
99.8392

■ 33.4933, 40.3814,
91.6182

■ 31.9699, 37.8128,
91.2027

Harmonies

Analogous

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



56.3102, 67.6318, 83.4025



58.8653, 67.6318, 95.5397



62.9587, 67.6318, 101.9862

Triad

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



58.8653, 67.6318, 95.5397



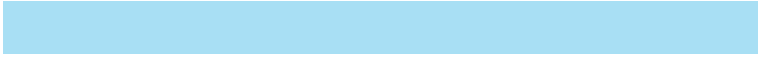
73.5388, 67.6318, 77.5219



61.0686, 67.6318, 52.2753

Complementary

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



58.8653, 67.6318, 95.5397



62.5748, 58.4564, 45.0328

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.



65.6237, 67.6318, 51.1019



58.8653, 67.6318, 95.5397



72.9728, 67.6318, 64.6698

Square

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



58.8653, 67.6318, 95.5397



71.5324, 67.6318, 90.7922



70.0212, 67.6318, 55.3712



57.5389, 67.6318, 58.7959

Rectangle

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



58.8653, 67.6318, 95.5397



66.0714, 67.6318, 101.7100



70.0212, 67.6318, 55.3712



62.5252, 67.6318, 51.2765

Sweetspot

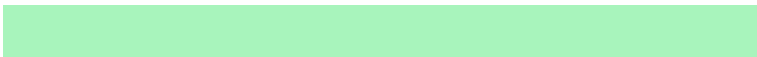
The Sweet Spot groups the original color and five complimentary colors.



58.8674, 67.6345, 95.5413



85.1154, 91.9250, 107.8650



57.6066, 76.6700, 59.4922



17.8955, 19.4092, 23.0531



0.0000, 0.0000, 0.0000



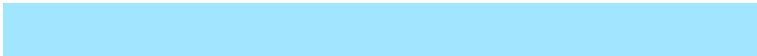
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8674, 67.6345, 95.5413



60.6780, 70.7617, 105.0681



49.9821, 49.8639, 92.5795



16.5870, 17.9383, 21.1308



17.5036, 20.8010, 49.6305



1.6242, 1.9999, 4.3906

Inverse Universe

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



64.6319, 52.5679, 76.5550



68.0571, 52.2809, 80.5832



71.6465, 76.5996, 48.0567



17.0069, 16.6856, 19.7828



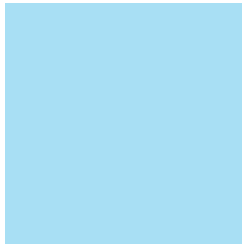
24.6395, 12.1992, 23.8739



2.2089, 1.0895, 2.3264

Previews

White Background



This preview shows how the XYZ color 58.8653, 67.6318, 95.5397 looks on a white background.

Color Contrast Check

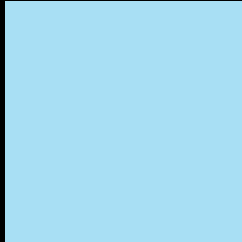
Large Text (above 18pt) WCAG AA × Fail

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 58.8653, 67.6318, 95.5397 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 58.8653, 67.6318, 95.5397

Background



This preview shows how black text looks on a background with the XYZ color 58.8653, 67.6318, 95.5397.

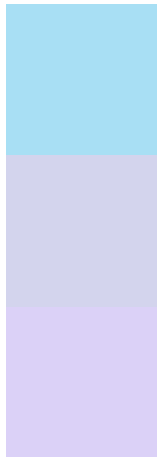


This preview shows how white text looks on a background with the XYZ color 58.8653, 67.6318,

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

58.8653, 67.6318, 95.5397

Protanopia

65.6935, 67.0503, 89.6003

Deuteranopia

68.8024, 67.3764, 97.3744



Tritanopia

58.2012, 67.3417, 93.1498

Trichromacy



Original Color

58.8653, 67.6318, 95.5397

Protanomaly

62.7897, 67.0051, 92.0620

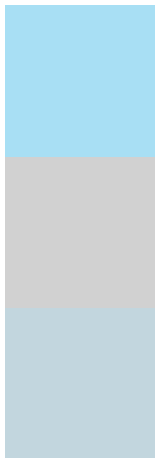
Deuteranomaly

64.5005, 67.0263, 96.7266

Tritanomaly

58.3510, 67.4016, 93.9388

Monochromacy



Original Color

58.8653, 67.6318, 95.5397

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.4795, 64.8364, 78.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8653, 67.6318, 95.5397 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(168, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(168, 223, 244)  
}
```

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(168, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 223, 244) }
```

Border

The CSS property to change the border of an element to XYZ 58.8653, 67.6318, 95.5397 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(168, 223, 244) }
```


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

```
.border{ border-color:rgb(168, 223, 244) }
```

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

Here you see how a box with a 4 pixel rgb(168, 223, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(168, 223,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8653, 67.6318, 95.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 223, 244) }
```

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

```
.background{ background-color: rgb(168,  
223, 244) }
```

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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