

Converting Colors

XYZ(58.3935, 68.2933,
101.5403)

Have a look what the booklet for
XYZ(58.3935, 68.2933, 101.5403)
contains.

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Color

**XYZ(58.5136, 68.5258,
101.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	9DE2FB
RGB	157, 226, 251
RGB Percent	62%, 89%, 98%
CMY	0.3843, 0.1137, 0.0157
CMYK	0.37, 0.10, 0.00, 0.02
HSL	196°, 92%, 80%
HSV	196°, 37%, 98%
XYZ	58.5136, 68.5258, 101.4096
YIQ	208.2190, -49.1490, -6.8530

Conversions

Conversions Part 2

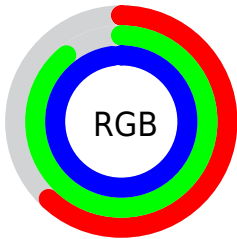
Format	Color
RYB	157, 197, 251
Decimal	10347259
CIELab	86.27, -15.47, -18.99
CIELCh	86, 24.492, 230.838
Yxy	68.5258, 0.2561, 0.3000
Android (android.graphics.Color)	4288537339 (0xFF9DE2FB)
YUV	208.2190, 21.0910, -44.9191
Hunter-Lab	82.7803, -18.6921, -14.6867

Details

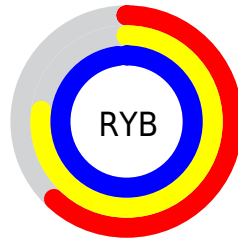
The XYZ color **58.5136, 68.5258, 101.4096** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.5987, 56.4007, 39.4874**, and the grayscale version is **59.9883, 63.1124, 68.7294**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **29.6673, 35.7876, 56.3830** is the 20% darker color. If you saturate the color by 10%, you get **52.3309, 62.6977, 100.6117**, and if you desaturate by 10%, it is **65.7771, 75.0192, 102.2813**.

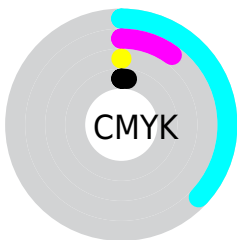
Distribution



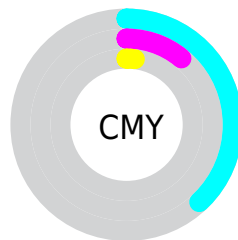
- Red (62%)
- Green (89%)
- Blue (98%)



- Red (62%)
- Yellow (77%)
- Blue (98%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5136, 68.5258, 101.4096 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 58.5136, 68.5258, 101.4096 by changing the saturation by 10% instead.

■ 58.5136, 68.5258,
101.4096

■ 58.5136, 68.5258,
101.4096

409.0201,
455.3567, 585.9878

■ 42.4666, 50.3256,
76.8548

■ 101.7891,
117.1040, 165.1617

■ 29.6595, 35.6722,
56.6229

■ 129.7482,
148.2508, 205.1961

■ 19.7271, 24.1811,
40.2952

162.4088,
184.4820, 251.2275

■ 12.3039, 15.4680,
27.4533

200.1361,
226.1819, 303.6744

■ 7.0247, 9.1485,
17.6785

243.2955,
273.7349, 362.9553

■ 3.5240, 4.8382,
10.5524

292.2524,

■ 1.4365, 2.1526,

327.5255, 429.4888

5.6563

347.3722,
387.9379, 503.6935

■ 0.2820, 0.6940,
2.5719

■ 0.0000, 0.0000,
0.8779

■ 58.5136, 68.5258,
101.4096

■ 58.5136, 68.5258,
101.4096

■ 52.3309, 62.6977,
100.6117

■ 65.7771, 75.0192,
102.2813

■ 47.1599, 57.4932,
99.8797

■ 74.1725, 82.2006,
103.2250

■ 42.9329, 52.8779,
99.2116

■ 83.7553, 90.1014,
104.2449

■ 39.5709, 48.8099,
98.6036

■ 93.6849, 98.2892,
105.3020

■ 36.9810, 45.2400,
98.0511

■ 94.4128, 99.7451,
105.5446

■ 35.0420, 42.1044,
97.5480

■ 34.6053, 41.3500,
97.4255

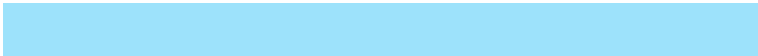
Harmonies

Analogous

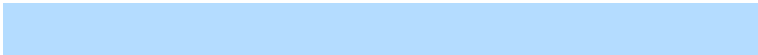
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.5033, 68.5258, 86.2285



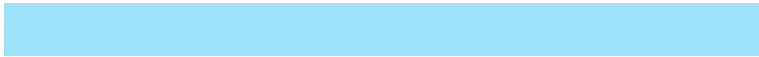
58.5136, 68.5258, 101.4096



63.4184, 68.5258, 109.7092

Triad

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



58.5136, 68.5258, 101.4096



76.4481, 68.5258, 79.6738



61.3457, 68.5258, 49.1642

Complementary

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



58.5136, 68.5258, 101.4096



62.5987, 56.4007, 39.4874

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.



66.8756, 68.5258, 47.9350



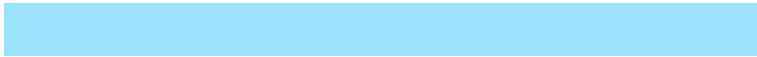
58.5136, 68.5258, 101.4096



75.8138, 68.5258, 64.0904

Square

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



58.5136, 68.5258, 101.4096



73.9171, 68.5258, 96.0203



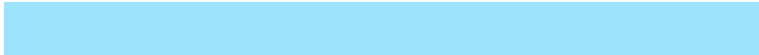
72.2309, 68.5258, 53.0089



57.0716, 68.5258, 56.6502

Rectangle

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



58.5136, 68.5258, 101.4096



67.1945, 68.5258, 109.5051



72.2309, 68.5258, 53.0089



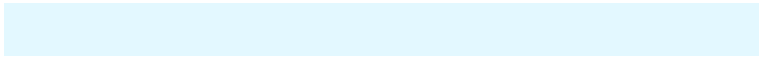
63.1116, 68.5258, 48.0526

Sweetspot

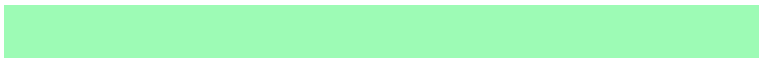
The Sweet Spot groups the original color and five complimentary colors.



58.5157, 68.5285, 101.4112



83.1390, 90.3953, 107.6739



56.6928, 79.4797, 55.8026



17.5039, 19.1088, 23.0158



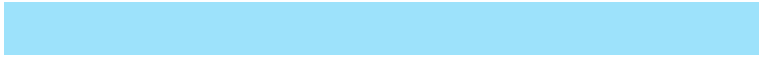
0.0000, 0.0000, 0.0000



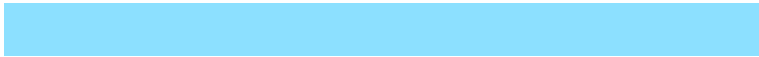
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5157, 68.5285, 101.4112



55.6931, 66.3887, 104.4867



47.7415, 46.9800, 97.8198



17.3524, 18.7817, 22.0960



18.3156, 21.9868, 51.2521



1.7832, 2.2101, 4.7758

Inverse Universe

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



65.5699, 50.1162, 78.1717



64.1749, 45.4974, 76.2646



73.4770, 78.1573, 43.1135



17.7844, 17.4411, 20.7206



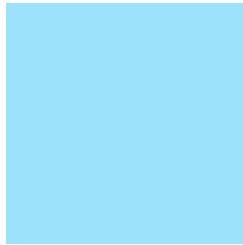
25.5369, 12.6305, 25.3335



2.4090, 1.1873, 2.5772

Previews

White Background



This preview shows how the XYZ color 58.5136, 68.5258, 101.4096 looks on a white background.

Color Contrast Check

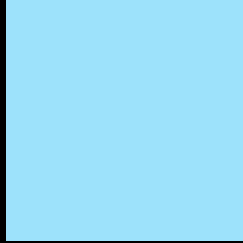
Large Text (above 18pt) WCAG AA × Fail

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 58.5136, 68.5258, 101.4096 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 58.5136, 68.5258, 101.4096

Background



This preview shows how black text looks on a background with the XYZ color 58.5136, 68.5258, 101.4096.

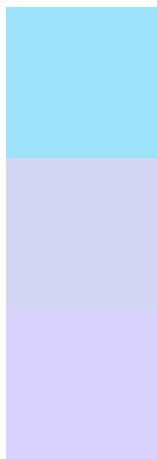


This preview shows how white text looks on a background with the XYZ color 58.5136, 68.5258,

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

58.5136, 68.5258, 101.4096

Protanopia

66.8359, 67.9084, 94.3790

Deuteranopia

69.5513, 68.0007, 103.2256



Tritanopia

57.6608, 68.5987, 96.5880

Trichromacy



Original Color

58.5136, 68.5258, 101.4096

Protanomaly

63.1918, 67.8730, 96.9590

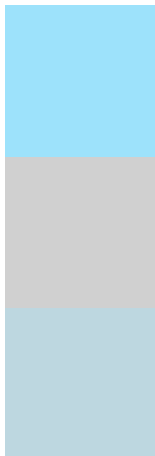
Deuteranomaly

64.7912, 67.8057, 102.6015

Tritanomaly

57.9679, 68.7215, 98.2050

Monochromacy



Original Color

58.5136, 68.5258, 101.4096

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7413, 64.8015, 79.9330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5136, 68.5258, 101.4096 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(157, 226, 251)` looks like.

```
.text, #text, p{  
    color:rgb(157, 226, 251)  
}
```

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(157, 226, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 226, 251) }
```

Border

The CSS property to change the border of an element to XYZ 58.5136, 68.5258, 101.4096 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(157, 226, 251) }
```


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

```
.border{ border-color:rgb(157, 226, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 226, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 226, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 226, 251);  
box-shadow:4px 4px 4px 4px rgb(157, 226,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5136, 68.5258, 101.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 226, 251) }
```

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

```
.background{ background-color: rgb(157,  
226, 251) }
```

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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