

Converting Colors

XYZ(58.1453, 67.2054,
100.2676)

Have a look what the booklet for
XYZ(58.1453, 67.2054, 100.2676)
contains.

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Color

**XYZ(58.1402, 67.1511,
100.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	A0DFFA
RGB	160, 223, 250
RGB Percent	63%, 87%, 98%
CMY	0.3725, 0.1255, 0.0196
CMYK	0.36, 0.11, 0.00, 0.02
HSL	198°, 90%, 80%
HSV	198°, 36%, 98%
XYZ	58.1402, 67.1511, 100.3396
YIQ	207.2410, -46.2150, -4.9590

Conversions

Conversions Part 2

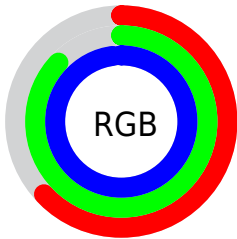
Format	Color
RYB	160, 197, 250
Decimal	10543098
CIELab	85.58, -13.41, -19.49
CIElCh	86, 23.654, 235.475
Yxy	67.1511, 0.2577, 0.2976
Android (android.graphics.Color)	4288733178 (0xFFA0DFFA)
YUV	207.2410, 21.0802, -41.4304
Hunter-Lab	81.9458, -16.7601, -15.2364

Details

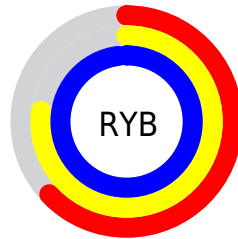
The XYZ color **58.1402, 67.1511, 100.3396** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.5409, 58.4036, 41.1835**, and the grayscale version is **59.3549, 62.4460, 68.0037**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **29.4540, 34.8588, 55.6281** is the 20% darker color. If you saturate the color by 10%, you get **51.6769, 60.9117, 99.4771**, and if you desaturate by 10%, it is **65.7013, 74.0913, 101.2819**.

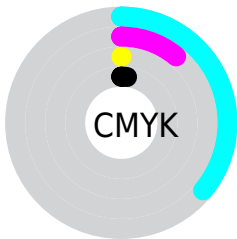
Distribution



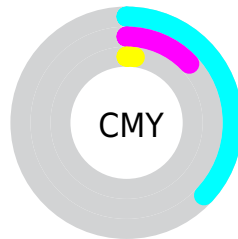
- Red (63%)
- Green (87%)
- Blue (98%)



- Red (63%)
- Yellow (77%)
- Blue (98%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (37%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1402, 67.1511, 100.3396 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 58.1402, 67.1511, 100.3396 by changing the saturation by 10% instead.

■ 58.1402, 67.1511,
100.3396

■ 58.1402, 67.1511,
100.3396

407.6536,
450.4824, 582.5369

■ 42.1651, 49.2074,
75.9657

■ 101.2488,
115.1369, 163.6797

■ 29.4222, 34.7841,
55.8979

■ 129.1130,
145.9478, 203.4831

■ 19.5464, 23.4966,
39.7176

161.6708,
181.8166, 249.2666

■ 12.1721, 14.9606,
27.0063

199.2878,
223.1277, 301.4490

■ 6.9340, 8.7917,
17.3455

242.3292,
270.2654, 360.4486

■ 3.4668, 4.6056,
10.3166

291.1604,

■ 1.4052, 2.0178,

323.6141, 426.6841

5.5010

346.1468,
383.5584, 500.5741

■ 0.2599, 0.6178,
2.4803

■ 0.0000, 0.0000,
0.8297

■ 58.1402, 67.1511,
100.3396

■ 58.1402, 67.1511,
100.3396

■ 51.6769, 60.9117,
99.4771

■ 65.7013, 74.0913,
101.2819

■ 46.2435, 55.3317,
98.6864

■ 74.4105, 81.7553,
102.3021

■ 41.7737, 50.3768,
97.9656

■ 84.3226, 90.1744,
103.4048

■ 38.1905, 46.0056,
97.3107

■ 93.6215, 98.4141,
104.5051

■ 35.4039, 42.1699,
96.7172

■ 94.2555, 99.6822,
104.7164

■ 33.3026, 38.8104,
96.1795

■ 32.5867, 37.5646,
95.9768

Harmonies

Analogous

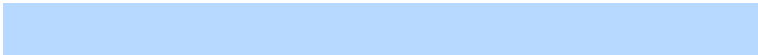
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.9349, 67.1511, 86.6127



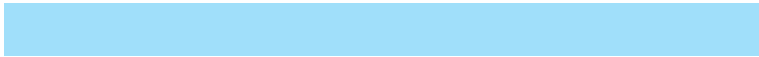
58.1402, 67.1511, 100.3396



63.0125, 67.1511, 106.8027

Triad

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



58.1402, 67.1511, 100.3396



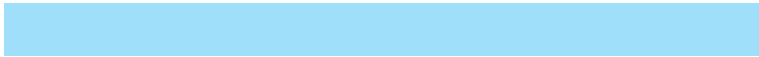
74.7021, 67.1511, 75.4782



59.4785, 67.1511, 49.5003

Complementary

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



58.1402, 67.1511, 100.3396



63.5409, 58.4036, 41.1835

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.



64.6446, 67.1511, 47.3817



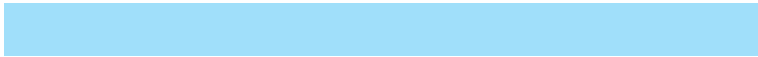
58.1402, 67.1511, 100.3396



73.6262, 67.1511, 61.0999

Square

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



58.1402, 67.1511, 100.3396



72.7322, 67.1511, 91.2241



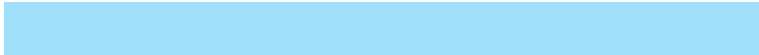
69.8690, 67.1511, 51.3242



55.6766, 67.1511, 57.5786

Rectangle

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



58.1402, 67.1511, 100.3396



66.6251, 67.1511, 105.5438



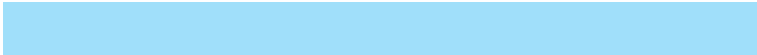
69.8690, 67.1511, 51.3242



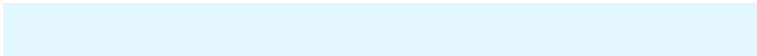
61.1047, 67.1511, 48.1207

Sweetspot

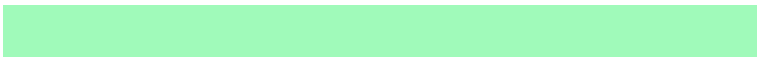
The Sweet Spot groups the original color and five complimentary colors.



58.1423, 67.1537, 100.3412



82.8470, 89.8111, 107.5765



57.4942, 79.3701, 58.4676



17.4341, 18.9691, 22.9925



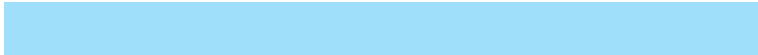
0.0000, 0.0000, 0.0000



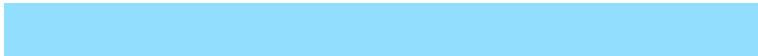
20.3446, 21.4041, 23.3091

Same Dimension

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



58.1423, 67.1537, 100.3412



55.9386, 65.5712, 104.3160



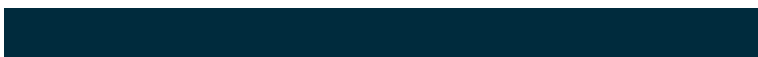
47.9747, 46.8185, 96.9520



17.3005, 18.6779, 22.0787



17.4168, 20.1892, 50.9525



1.7058, 2.0553, 4.7500

Inverse Universe

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



65.3161, 50.7951, 76.1768



64.6182, 46.8976, 74.8291



74.2070, 79.7359, 44.7389



17.7582, 17.4307, 20.5826



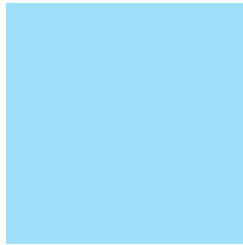
25.0832, 12.4490, 22.9444



2.3699, 1.1717, 2.3715

Previews

White Background



This preview shows how the XYZ color 58.1402, 67.1511, 100.3396 looks on a white background.

Color Contrast Check

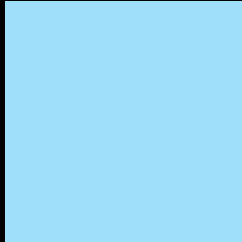
Large Text (above 18pt) WCAG AA × Fail

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 58.1402, 67.1511, 100.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

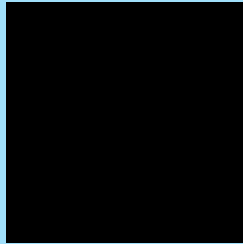
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1402, 67.1511, 100.3396

Background



This preview shows how black text looks on a background with the XYZ color 58.1402, 67.1511, 100.3396.

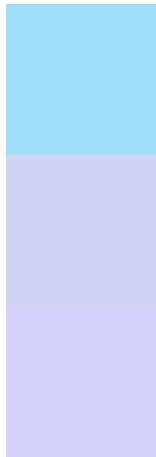


This preview shows how white text looks on a background with the XYZ color 58.1402, 67.1511,

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

58.1402, 67.1511, 100.3396

Protanopia

65.3337, 66.4092, 93.3792

Deuteranopia

68.0171, 66.4997, 102.1794



Tritanopia

56.7832, 66.9912, 93.9422

Trichromacy



Original Color

58.1402, 67.1511, 100.3396

Protanomaly

62.2677, 66.2698, 95.8957

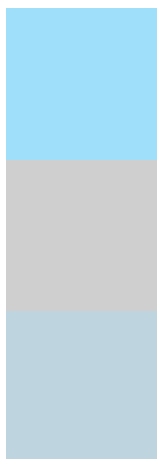
Deuteranomaly

63.6131, 66.0861, 101.4986

Tritanomaly

57.4352, 67.2748, 96.3444

Monochromacy



Original Color

58.1402, 67.1511, 100.3396

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 58.1402, 67.1511, 100.3396 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(160, 223, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 223, 250) }
```

Border

The CSS property to change the border of an element to XYZ 58.1402, 67.1511, 100.3396 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, 250) }
```


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

```
.border{ border-color:rgb(160, 223, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 223, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 223, 250);  
box-shadow:4px 4px 4px 4px rgb(160, 223,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1402, 67.1511, 100.3396 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, 250) }
```

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

```
.background{ background-color: rgb(160,  
223, 250) }
```

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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