

Converting Colors

XYZ(58.3562, 65.9078,
100.9111)

Have a look what the booklet for
XYZ(58.3562, 65.9078, 100.9111)
contains.

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Color

**XYZ(58.5228, 66.1508,
100.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DCFB
RGB	165, 220, 251
RGB Percent	65%, 86%, 98%
CMY	0.3529, 0.1372, 0.0157
CMYK	0.34, 0.12, 0.00, 0.02
HSL	202°, 91%, 82%
HSV	202°, 34%, 98%
XYZ	58.5228, 66.1508, 100.9507
YIQ	207.0890, -42.7310, -2.0190

Conversions

Conversions Part 2

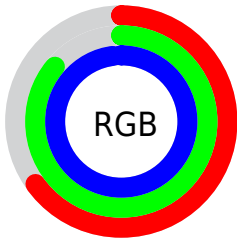
Format	Color
RYB	165, 199, 251
Decimal	10870011
CIELab	85.07, -10.29, -20.76
CIELCh	85, 23.168, 243.625
Yxy	66.1508, 0.2594, 0.2932
Android (android.graphics.Color)	4289060091 (0xFFA5DCFB)
YUV	207.0890, 21.6481, -36.9121
Hunter-Lab	81.3331, -13.8943, -16.6576

Details

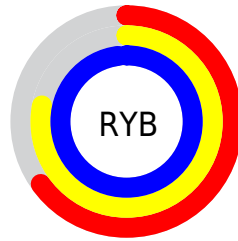
The XYZ color **58.5228, 66.1508, 100.9507** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.3161, 62.7064, 44.2073**, and the grayscale version is **59.2518, 62.3375, 67.8856**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **29.6231, 34.1203, 56.0635** is the 20% darker color. If you saturate the color by 10%, you get **51.4953, 59.0993, 99.9612**, and if you desaturate by 10%, it is **66.7074, 73.9926, 102.0341**.

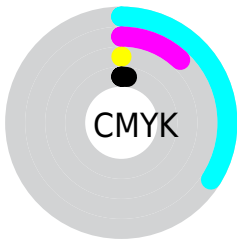
Distribution



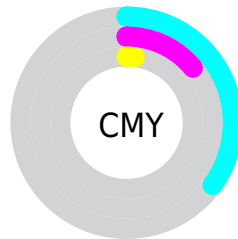
- Red (65%)
- Green (86%)
- Blue (98%)



- Red (65%)
- Yellow (78%)
- Blue (98%)



- Cyan (34%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5228, 66.1508, 100.9507 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 58.5228, 66.1508, 100.9507 by changing the saturation by 10% instead.

■ 58.5228, 66.1508,
100.9507

■ 58.5228, 66.1508,
100.9507

409.0537,
446.9160, 584.5091

■ 42.4740, 48.3948,
76.4734

■ 101.8024,
113.7027, 164.5263

■ 29.6653, 34.1397,
56.3118

■ 129.7639,
144.2675, 204.4617

■ 19.7315, 23.0009,
40.0473

162.4269,
179.8707, 250.3870

■ 12.3072, 14.5942,
27.2614

200.1570,
220.8966, 302.7205

■ 7.0269, 8.5351,
17.5354

243.3193,
267.7297, 361.8810

■ 3.5254, 4.4392,
10.4510

292.2793,

■ 1.4373, 1.9222,

320.7544, 428.2869

5.5895

347.4023,
380.3550, 502.3568

■ 0.2826, 0.5616,
2.5324

■ 0.0000, 0.0000,
0.8573

■ 58.5228, 66.1508,
100.9507

■ 58.5228, 66.1508,
100.9507

■ 51.4953, 59.0993,
99.9612

■ 66.7074, 73.9926,
102.0341

■ 45.5566, 52.7954,
99.0574

■ 76.1002, 82.6495,
103.2100

■ 40.6401, 47.2032,
98.2371

■ 86.7565, 92.1542,
104.4829

■ 36.6688, 42.2798,
97.4961

■ 94.4128, 99.7451,
105.5446

■ 33.5536, 37.9762,
96.8296

■ 31.1858, 34.2329,
96.2319

■ 30.0757, 32.2909,
95.9155

Harmonies

Analogous

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



54.8865, 66.1508, 89.1346



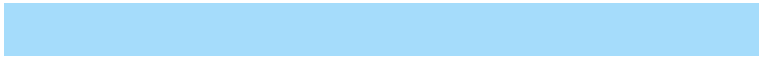
58.5228, 66.1508, 100.9507



63.5107, 66.1508, 104.6684

Triad

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



58.5228, 66.1508, 100.9507



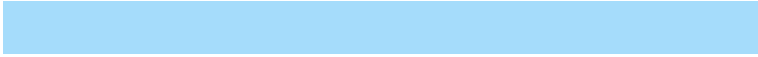
73.4255, 66.1508, 70.2258



57.4818, 66.1508, 50.6570

Complementary

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



58.5228, 66.1508, 100.9507



66.3161, 62.7064, 44.2073

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.



62.2422, 66.1508, 46.9932



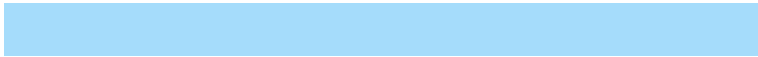
58.5228, 66.1508, 100.9507



71.6019, 66.1508, 57.2616

Square

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



58.5228, 66.1508, 100.9507



72.2958, 66.1508, 85.5571



67.4364, 66.1508, 49.2340



54.3092, 66.1508, 60.0042

Rectangle

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



58.5228, 66.1508, 100.9507



66.9804, 66.1508, 101.6820



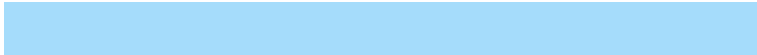
67.4364, 66.1508, 49.2340



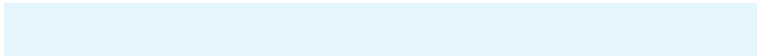
58.9396, 66.1508, 48.7834

Sweetspot

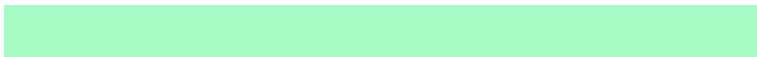
The Sweet Spot groups the original color and five complimentary colors.



58.5249, 66.1534, 100.9522



83.4205, 89.7556, 107.5356



59.8773, 80.9397, 64.1577



17.5287, 18.9187, 22.9778



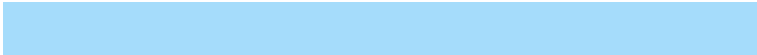
0.0000, 0.0000, 0.0000



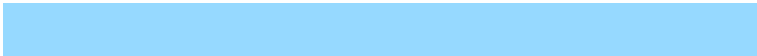
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5249, 66.1534, 100.9522



55.6050, 63.5355, 103.9406



48.8317, 46.7671, 97.7212



17.2089, 18.4946, 22.0481



15.9519, 17.2593, 50.4642



1.5779, 1.7994, 4.7073

Inverse Universe

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



66.1587, 52.5885, 74.3767



64.7838, 48.2428, 71.7585



77.1802, 84.4345, 47.8286



17.7120, 17.4121, 20.3390



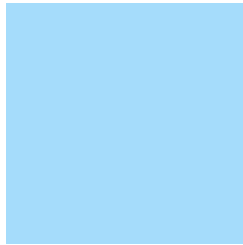
24.3438, 12.1532, 19.0507



2.3054, 1.1459, 2.0314

Previews

White Background



This preview shows how the XYZ color 58.5228, 66.1508, 100.9507 looks on a white background.

Color Contrast Check

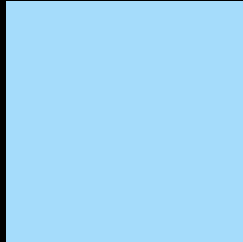
Large Text (above 18pt) WCAG AA × Fail

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 58.5228, 66.1508, 100.9507 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 58.5228, 66.1508, 100.9507

Background



This preview shows how black text looks on a background with the XYZ color 58.5228, 66.1508, 100.9507.

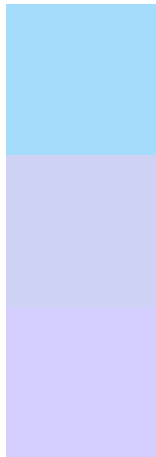


This preview shows how white text looks on a background with the XYZ color 58.5228, 66.1508,

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

58.5228, 66.1508, 100.9507

Protanopia

64.8293, 65.7467, 94.8615

Deuteranopia

67.3536, 65.7785, 102.9125



Tritanopia

56.7497, 66.2152, 92.2279

Trichromacy



Original Color

58.5228, 66.1508, 100.9507

Protanomaly

62.3209, 65.8849, 97.4281

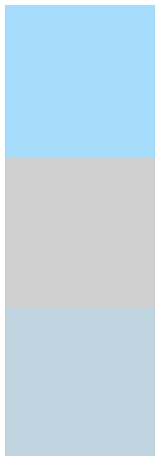
Deuteranomaly

63.7788, 65.7809, 102.2640

Tritanomaly

57.2898, 66.0311, 95.3137

Monochromacy



Original Color

58.5228, 66.1508, 100.9507

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6010, 63.6211, 79.0035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5228, 66.1508, 100.9507 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(165, 220, 251)` looks like.

```
.text, #text, p{  
    color:rgb(165, 220, 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(165, 220, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 220, 251) }
```

Border

The CSS property to change the border of an element to XYZ 58.5228, 66.1508, 100.9507 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(165, 220, 251) }
```


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

```
.border{ border-color:rgb(165, 220, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 220, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 220, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 220, 251);  
box-shadow:4px 4px 4px 4px rgb(165, 220,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5228, 66.1508, 100.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 220, 251) }
```

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

```
.background{ background-color: rgb(165,  
220, 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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