

Converting Colors

XYZ(58.8395, 65.3627,
100.7826)

Have a look what the booklet for
XYZ(58.8395, 65.3627, 100.7826)
contains.

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Color

**XYZ(59.0616, 65.6539,
100.8264)**

Conversions

Conversions Part 1

Format	Color
Hex	AADAFB
RGB	170, 218, 251
RGB Percent	67%, 85%, 98%
CMY	0.3333, 0.1451, 0.0157
CMYK	0.32, 0.13, 0.00, 0.02
HSL	204°, 91%, 83%
HSV	204°, 32%, 98%
XYZ	59.0616, 65.6539, 100.8264
YIQ	207.4100, -39.2010, 0.0870

Conversions

Conversions Part 2

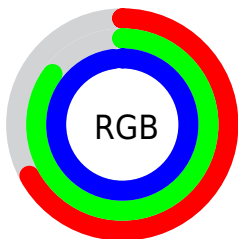
Format	Color
RYB	170, 200, 251
Decimal	11197179
CIELab	84.82, -7.90, -21.11
CIELCh	85, 22.542, 249.493
Yxy	65.6539, 0.2619, 0.2911
Android (android.graphics.Color)	4289387259 (0xFFAADAFB)
YUV	207.4100, 21.4899, -32.8086
Hunter-Lab	81.0271, -11.6867, -17.0588

Details

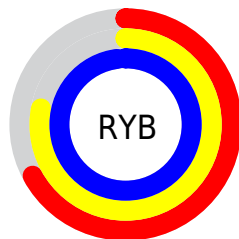
The XYZ color **59.0616, 65.6539, 100.8264** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.3965, 66.1244, 47.1905**, and the grayscale version is **59.4580, 62.5545, 68.1218**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **29.9050, 33.7343, 55.9741** is the 20% darker color. If you saturate the color by 10%, you get **51.5748, 57.9799, 99.7409**, and if you desaturate by 10%, it is **67.7519, 74.1942, 102.0179**.

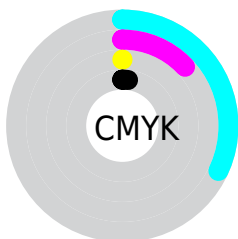
Distribution



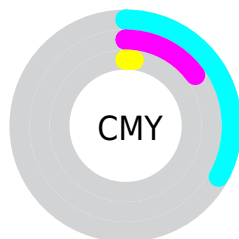
- Red (67%)
- Green (85%)
- Blue (98%)



- Red (67%)
- Yellow (78%)
- Blue (98%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0616, 65.6539, 100.8264 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 59.0616, 65.6539, 100.8264 by changing the saturation by 10% instead.

■ 59.0616, 65.6539,
100.8264

■ 59.0616, 65.6539,
100.8264

411.0205,
445.1381, 584.1082

■ 42.9093, 47.9915,
76.3702

■ 102.5813,
112.9894, 164.3542

■ 30.0081, 33.8202,
56.2276

130.6794,
143.4314, 204.2627

■ 19.9929, 22.7555,
39.9802

163.4901,
178.9019, 250.1592

■ 12.4981, 14.4131,
27.2095

201.3788,
219.7855, 302.4620

■ 7.1585, 8.4085,
17.4968

244.7108,
266.4666, 361.5898

■ 3.6086, 4.3574,
10.4236

293.8516,

■ 1.4832, 1.8755,

319.3294, 427.9611

5.5715

349.1664,
378.7584, 501.9944

■ 0.3144, 0.5336,
2.5218

■ 0.0000, 0.0000,
0.8517

■ 59.0616, 65.6539,
100.8264

■ 59.0616, 65.6539,
100.8264

■ 51.5748, 57.9799,
99.7409

■ 67.7519, 74.1942,
102.0179

■ 45.2234, 51.1283,
98.7532

■ 77.6970, 83.6270,
103.3145

■ 39.9413, 45.0620,
97.8606

■ 88.9522, 93.9864,
104.7208

■ 35.6524, 39.7371,
97.0589

■ 94.4128, 99.7451,
105.5446

■ 32.2694, 35.1040,
96.3429

■ 29.6873, 31.1037,
95.7069

■ 28.1202, 28.3799,
95.2637

Harmonies

Analogous

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



55.2042, 65.6539, 90.6720



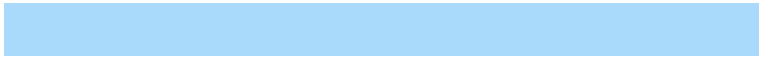
59.0616, 65.6539, 100.8264



64.0174, 65.6539, 102.5740

Triad

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



59.0616, 65.6539, 100.8264



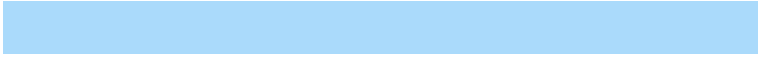
72.4782, 65.6539, 66.9966



56.4277, 65.6539, 52.1003

Complementary

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



59.0616, 65.6539, 100.8264



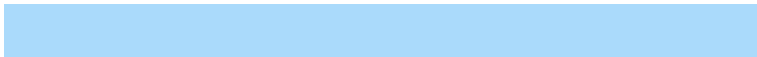
68.3965, 66.1244, 47.1905

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.



60.8142, 65.6539, 47.4147



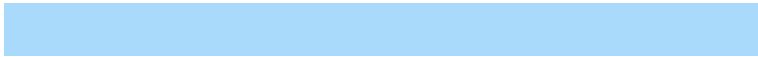
59.0616, 65.6539, 100.8264



70.1999, 65.6539, 55.2173

Square

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



59.0616, 65.6539, 100.8264



71.9465, 65.6539, 81.6781



65.8662, 65.6539, 48.4733



53.7414, 65.6539, 62.1790

Rectangle

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



59.0616, 65.6539, 100.8264



67.3059, 65.6539, 98.5282



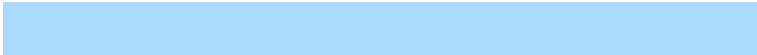
65.8662, 65.6539, 48.4733



57.7424, 65.6539, 49.9085

Sweetspot

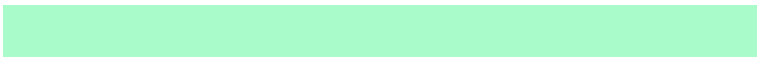
The Sweet Spot groups the original color and five complimentary colors.



59.0636, 65.6565, 100.8279



83.0579, 89.0304, 107.4147



61.7845, 81.8251, 68.6650



17.4409, 18.7430, 22.9485



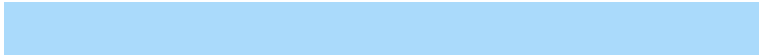
0.0000, 0.0000, 0.0000



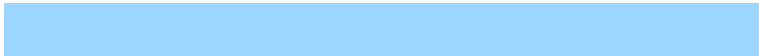
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0636, 65.6565, 100.8279



55.8430, 62.5823, 103.7441



49.9322, 47.3936, 97.7841



17.1382, 18.3533, 22.0245



14.9278, 15.2111, 50.1228



1.4867, 1.6171, 4.6770

Inverse Universe

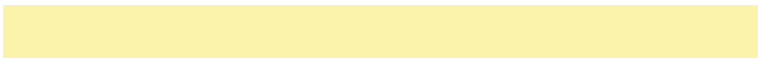
The Inverse Universe completely reimagines the original color for something new.



66.8150, 54.3226, 73.2962



65.2528, 49.7661, 70.1104



79.0614, 87.4542, 50.7455



17.6763, 17.3979, 20.1512



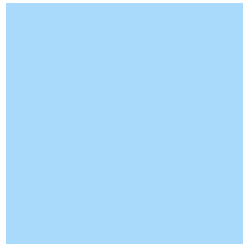
23.8269, 11.9465, 16.3286



2.2593, 1.1275, 1.7891

Previews

White Background



This preview shows how the XYZ color 59.0616, 65.6539, 100.8264 looks on a white background.

Color Contrast Check

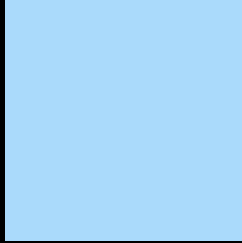
Large Text (above 18pt) WCAG AA × Fail

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 59.0616, 65.6539, 100.8264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

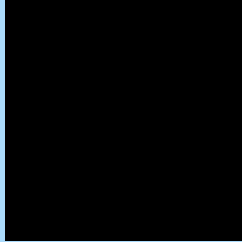
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

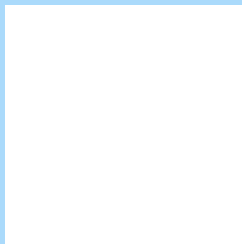
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0616, 65.6539, 100.8264

Background



This preview shows how black text looks on a background with the XYZ color 59.0616, 65.6539, 100.8264.



This preview shows how white text looks on a background with the XYZ color 59.0616, 65.6539,

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

59.0616, 65.6539, 100.8264

Protanopia

64.4587, 65.1726, 95.5684

Deuteranopia

66.6649, 65.0833, 101.9772



Tritanopia

56.9622, 65.5749, 90.5439

Trichromacy



Original Color

59.0616, 65.6539, 100.8264

Protanomaly

62.0702, 65.0088, 97.2722

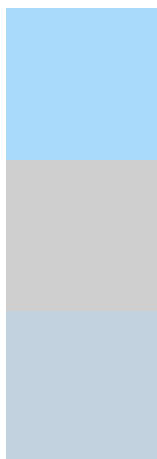
Deuteranomaly

63.3822, 64.8572, 101.2736

Tritanomaly

57.6576, 65.4589, 94.3900

Monochromacy



Original Color

59.0616, 65.6539, 100.8264

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8617, 63.3856, 78.9443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0616, 65.6539, 100.8264 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(170, 218, 251)` looks like.

```
.text, #text, p{  
    color:rgb(170, 218, 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(170, 218, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 218, 251) }
```

Border

The CSS property to change the border of an element to XYZ 59.0616, 65.6539, 100.8264 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(170, 218, 251) }
```


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

```
.border{ border-color:rgb(170, 218, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 218, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 218, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 218, 251);  
box-shadow:4px 4px 4px 4px rgb(170, 218,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0616, 65.6539, 100.8264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 218, 251) }
```

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

```
.background{ background-color: rgb(170,  
218, 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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