

Converting Colors

XYZ(59.3219, 65.1127, 96.6302)

Have a look what the booklet for
XYZ(59.3219, 65.1127, 96.6302)
contains.

XYZ(59.3219, 65.1127, 96.6302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.3219, 65.1127,
96.6302)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D8F6
RGB	177, 216, 246
RGB Percent	69%, 85%, 96%
CMY	0.3059, 0.1529, 0.0353
CMYK	0.28, 0.12, 0.00, 0.04
HSL	206°, 79%, 83%
HSV	206°, 28%, 96%
XYZ	59.3219, 65.1127, 96.6302
YIQ	207.7590, -32.8740, 1.0620

Conversions

Conversions Part 2

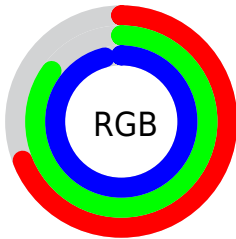
Format	Color
R _Y B	177, 202, 246
Decimal	11655414
CIE Lab	84.54, -6.07, -18.85
CIE LCh	85, 19.804, 252.140
Yxy	65.1127, 0.2683, 0.2945
Android (android.graphics.Color)	4289845494 (0xFFB1D8F6)
YUV	207.7590, 18.8528, -26.9756
Hunter-Lab	80.6924, -9.9856, -14.5158

Details

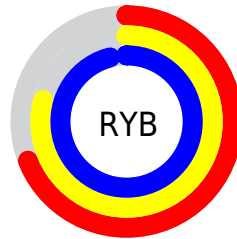
The XYZ color **59.3219, 65.1127, 96.6302** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.2556, 67.3934, 51.0074**, and the grayscale version is **59.6969, 62.8058, 68.3955**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **30.2075, 33.4184, 53.5735** is the 20% darker color. If you saturate the color by 10%, you get **51.5646, 57.1790, 95.5088**, and if you desaturate by 10%, it is **68.2716, 73.9290, 97.8613**.

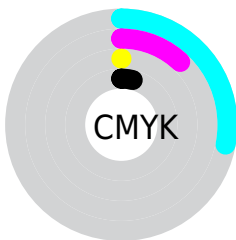
Distribution



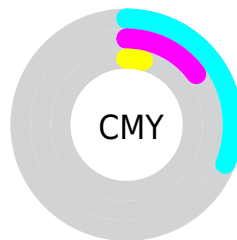
- Red (69%)
- Green (85%)
- Blue (96%)



- Red (69%)
- Yellow (79%)
- Blue (96%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (31%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3219, 65.1127, 96.6302 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 59.3219, 65.1127, 96.6302 by changing the saturation by 10% instead.

■ 59.3219, 65.1127,
96.6302

■ 59.3219, 65.1127,
96.6302

411.9687,
443.1969, 570.4879

■ 43.1197, 47.5525,
72.8882

■ 102.9573,
112.2119, 158.5298

■ 30.1739, 33.4726,
53.3933

131.1212,
142.5196, 197.5244

■ 20.1194, 22.4887,
37.7269

164.0031,
177.8453, 242.4403

■ 12.5906, 14.2165,
25.4706

201.9682,
218.5733, 293.6960

■ 7.2223, 8.2714,
16.2058

245.3820,
265.0881, 351.7101

■ 3.6491, 4.2691,
9.5140

294.6097,

■ 1.5056, 1.8252,

317.7740, 416.9011

4.9766

350.0168,
377.0155, 489.6875

■ 0.3296, 0.5028,
2.1750

■ 0.0000, 0.0000,
0.6599

■ 59.3219, 65.1127,
96.6302

■ 59.3219, 65.1127,
96.6302

■ 51.5646, 57.1790,
95.5088

■ 68.2716, 73.9290,
97.8613

■ 44.9360, 50.0854,
94.4890

■ 78.4611, 83.6525,
99.2011

■ 39.3753, 43.7969,
93.5682

■ 89.9425, 94.3163,
100.6543

■ 34.8129, 38.2724,
92.7424

■ 93.6348, 99.4339,
101.4475

■ 31.1700, 33.4658,
92.0066

■ 28.3543, 29.3238,
91.3555

■ 26.2403, 25.7758,
90.7821

■ 25.8749, 25.1341,
90.6775

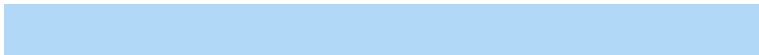
Harmonies

Analogous

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



55.8072, 65.1127, 88.4812



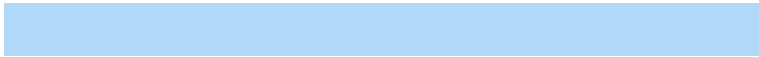
59.3219, 65.1127, 96.6302



63.6891, 65.1127, 97.4037

Triad

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



59.3219, 65.1127, 96.6302



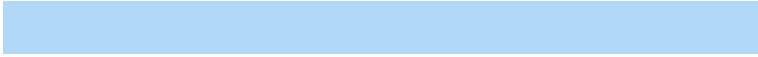
70.5583, 65.1127, 65.9084



56.3679, 65.1127, 54.3624

Complementary

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



59.3219, 65.1127, 96.6302



68.2556, 67.3934, 51.0074

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.



60.1205, 65.1127, 49.6960



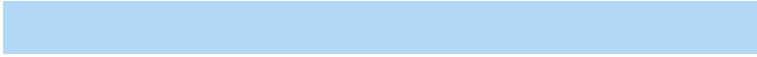
59.3219, 65.1127, 96.6302



68.3944, 65.1127, 55.8114

Square

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



59.3219, 65.1127, 96.6302



70.3195, 65.1127, 78.6129



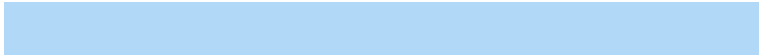
64.5264, 65.1127, 50.1928



54.1584, 65.1127, 63.7026

Rectangle

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



59.3219, 65.1127, 96.6302



66.5119, 65.1127, 93.5259



64.5264, 65.1127, 50.1928



57.4829, 65.1127, 52.2480

Sweetspot

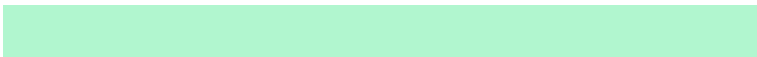
The Sweet Spot groups the original color and five complimentary colors.



59.3239, 65.1153, 96.6317



85.1747, 90.8054, 107.6458



62.3389, 79.7601, 71.0786



17.8551, 19.0818, 22.9920



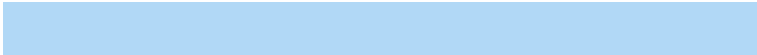
0.0000, 0.0000, 0.0000



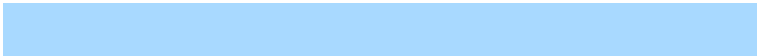
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3239, 65.1153, 96.6317



59.1544, 65.3619, 104.1061



51.4137, 49.2949, 93.9950



16.3585, 17.4813, 21.0546



13.9530, 13.6997, 48.4469



1.3284, 1.4083, 4.2920

Inverse Universe

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



66.1245, 55.9967, 72.2919



67.8624, 54.4019, 72.7790



77.5169, 85.9161, 54.0945



16.8915, 16.6395, 19.1753



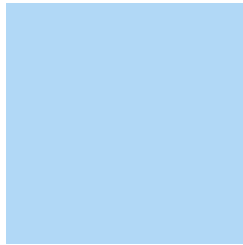
22.8473, 11.4824, 14.4363



2.0596, 1.0298, 1.5402

Previews

White Background



This preview shows how the XYZ color 59.3219, 65.1127, 96.6302 looks on a white background.

Color Contrast Check

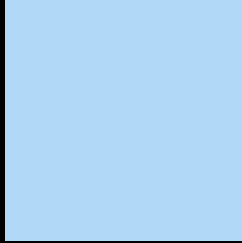
Large Text (above 18pt) WCAG AA × Fail

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 59.3219, 65.1127, 96.6302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

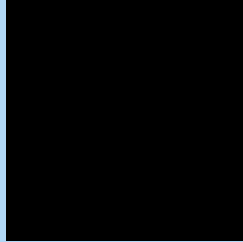
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

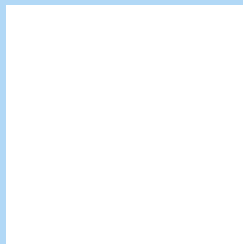
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3219, 65.1127, 96.6302

Background



This preview shows how black text looks on a background with the XYZ color 59.3219, 65.1127, 96.6302.



This preview shows how white text looks on a background with the XYZ color 59.3219, 65.1127,

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

59.3219, 65.1127, 96.6302

Protanopia

63.8545, 64.9309, 92.3865

Deuteranopia

66.4552, 65.0661, 97.8634



Tritanopia

57.7460, 65.2549, 88.1492

Trichromacy



Original Color

59.3219, 65.1127, 96.6302

Protanomaly

62.2268, 65.1601, 94.0915

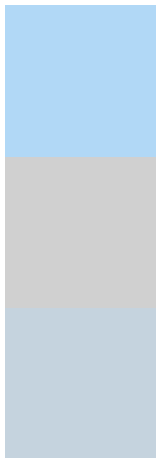
Deuteranomaly

63.6545, 65.0879, 97.2040

Tritanomaly

58.2973, 65.0878, 91.1520

Monochromacy



Original Color

59.3219, 65.1127, 96.6302

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5050, 63.7328, 78.2726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3219, 65.1127, 96.6302 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(177, 216, 246)` looks like.

```
.text, #text, p{  
    color:rgb(177, 216, 246)  
}
```

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(177, 216, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 216, 246) }
```

Border

The CSS property to change the border of an element to XYZ 59.3219, 65.1127, 96.6302 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(177, 216, 246) }
```


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

```
.border{ border-color:rgb(177, 216, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 216, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 216, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 216, 246);  
box-shadow:4px 4px 4px 4px rgb(177, 216,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3219, 65.1127, 96.6302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 216, 246) }
```

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

```
.background{ background-color: rgb(177,  
216, 246) }
```

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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