

Converting Colors

XYZ(59.4661, 63.8587,
103.4928)

Have a look what the booklet for
XYZ(59.4661, 63.8587, 103.4928)
contains.

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Color

**XYZ(59.5234, 63.9225,
103.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD5FF
RGB	175, 213, 255
RGB Percent	69%, 84%, 100%
CMY	0.3137, 0.1647, 0.0000
CMYK	0.31, 0.16, 0.00, 0.00
HSL	211°, 100%, 84%
HSV	211°, 31%, 100%
XYZ	59.5234, 63.9225, 103.8088
YIQ	206.4260, -36.1300, 5.0060

Conversions

Conversions Part 2

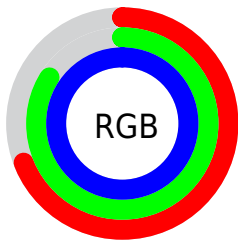
Format	Color
R_{YB}	175, 201, 255
Decimal	11523583
CIE Lab	83.93, -2.93, -24.56
CIE LCh	84, 24.733, 263.188
Yxy	63.9225, 0.2619, 0.2813
Android (android.graphics.Color)	4289713663 (0xFFAFD5FF)
YUV	206.4260, 23.9470, -27.5606
Hunter-Lab	79.9515, -7.0231, -21.0158

Details

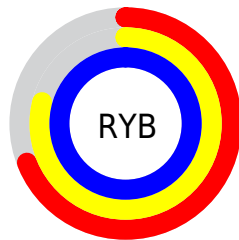
The XYZ color **59.5234, 63.9225, 103.8088** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.7908, 73.9805, 50.9496**, and the grayscale version is **58.8086, 61.8712, 67.3777**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **30.1656, 32.5240, 58.1139** is the 20% darker color. If you saturate the color by 10%, you get **51.1022, 54.7886, 102.4896**, and if you desaturate by 10%, it is **69.3068, 74.1743, 105.2720**.

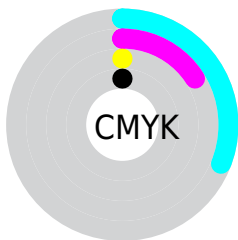
Distribution



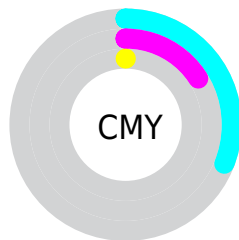
- Red (69%)
- Green (84%)
- Blue (100%)



- Red (69%)
- Yellow (79%)
- Blue (100%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5234, 63.9225, 103.8088 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 59.5234, 63.9225, 103.8088 by changing the saturation by 10% instead.

■ 59.5234, 63.9225,
103.8088

■ 59.5234, 63.9225,
103.8088

412.7018,
438.9097, 593.6869

■ 43.2826, 46.5879,
78.8507

■ 103.2483,
110.4993, 168.4789

■ 30.3024, 32.7100,
58.2524

131.4630,
140.5103, 209.0280

■ 20.2174, 21.9044,
41.5956

164.3998,
175.5156, 255.6112

■ 12.6624, 13.7867,
28.4616

202.4240,
215.8995, 308.6469

■ 7.2719, 7.9724,
18.4318

245.9010,
262.0465, 368.5539

■ 3.6805, 4.0773,
11.0878

295.1960,

■ 1.5230, 1.7169,

314.3409, 435.7505

6.0110

350.6745,
373.1672, 510.6553

■ 0.3414, 0.4346,
2.7829

■ 0.0000, 0.0000,
0.9849

■ 59.5234, 63.9225,
103.8088

■ 59.5234, 63.9225,
103.8088

■ 51.1022, 54.7886,
102.4896

■ 69.3068, 74.1743,
105.2720

■ 43.9702, 46.7205,
101.3082

■ 80.5097, 85.5786,
106.8827

■ 38.0552, 39.6721,
100.2595

■ 93.1924, 98.1772,
108.6461

■ 33.2748, 33.5905,
99.3376

■ 95.0500, 100.0000,
108.9000

■ 29.5354, 28.4159,
98.5359

■ 26.7253, 24.0793,
97.8469

■ 24.9035, 20.9271,
97.3345

Harmonies

Analogous

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



54.6983, 63.9225, 96.4631



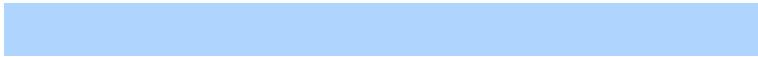
59.5234, 63.9225, 103.8088



64.9715, 63.9225, 100.9506

Triad

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



59.5234, 63.9225, 103.8088



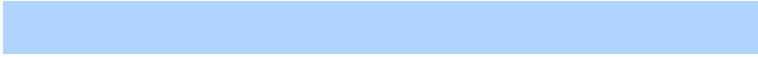
70.8942, 63.9225, 58.4525



52.7562, 63.9225, 53.1404

Complementary

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



59.5234, 63.9225, 103.8088



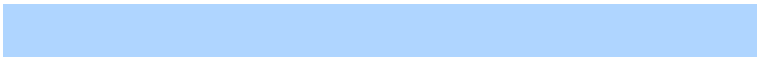
73.7908, 73.9805, 50.9496

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.



56.7277, 63.9225, 45.5229



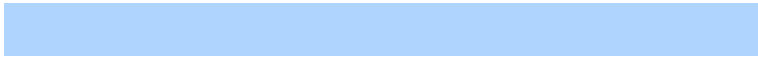
59.5234, 63.9225, 103.8088



67.2461, 63.9225, 48.2548

Square

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



59.5234, 63.9225, 103.8088



71.7529, 63.9225, 73.2171



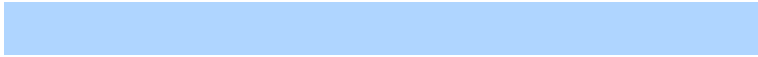
62.0063, 63.9225, 43.8780



50.9451, 63.9225, 66.1055

Rectangle

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



59.5234, 63.9225, 103.8088



68.2049, 63.9225, 93.8236



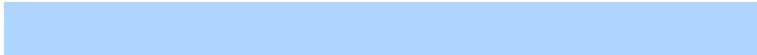
62.0063, 63.9225, 43.8780



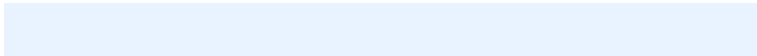
53.8710, 63.9225, 49.9531

Sweetspot

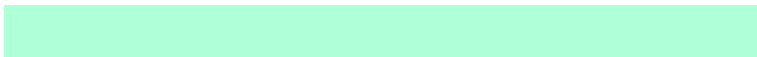
The Sweet Spot groups the original color and five complimentary colors.



59.5252, 63.9249, 103.8092



83.3812, 88.4566, 107.2869



65.8779, 85.6095, 78.2451



17.4678, 18.5537, 22.9105



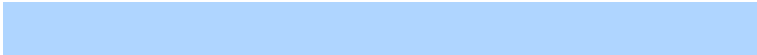
0.0000, 0.0000, 0.0000



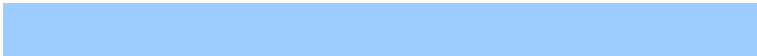
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5252, 63.9249, 103.8092



53.7941, 57.7471, 102.9188



51.3613, 47.1506, 101.0017



17.7147, 18.8011, 22.9453



13.1598, 11.2291, 50.9084



1.3898, 1.3103, 4.9929

Inverse Universe

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



68.5814, 56.7255, 70.2881



64.3987, 50.1137, 63.4876



84.2494, 95.6233, 54.5758



18.3687, 18.1308, 20.5585



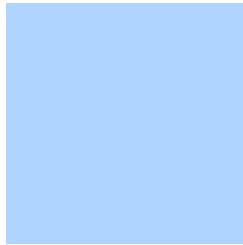
23.4306, 11.8615, 10.9181



2.3361, 1.1768, 1.3514

Previews

White Background



This preview shows how the XYZ color 59.5234, 63.9225, 103.8088 looks on a white background.

Color Contrast Check

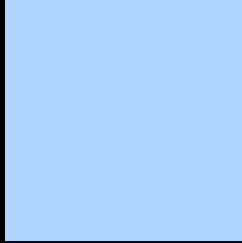
Large Text (above 18pt) WCAG AA × Fail

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 59.5234, 63.9225, 103.8088 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

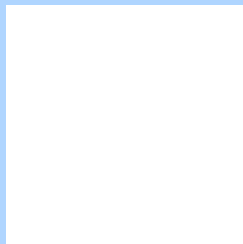
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5234, 63.9225, 103.8088

Background



This preview shows how black text looks on a background with the XYZ color 59.5234, 63.9225, 103.8088.



This preview shows how white text looks on a background with the XYZ color 59.5234, 63.9225,

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

59.5234, 63.9225, 103.8088

Protanopia

63.2786, 63.7328, 100.2333

Deuteranopia

65.0582, 63.8618, 103.5054



Tritanopia

56.2417, 64.1123, 87.2526

Trichromacy



Original Color

59.5234, 63.9225, 103.8088

Protanomaly

61.6064, 63.5764, 101.1199

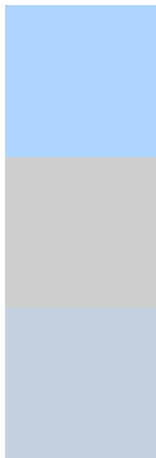
Deuteranomaly

62.8540, 63.8011, 103.6098

Tritanomaly

57.5961, 64.2932, 93.3786

Monochromacy



Original Color

59.5234, 63.9225, 103.8088

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7607, 62.5848, 79.5041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5234, 63.9225, 103.8088 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(175, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 213, 255)  
}
```

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(175, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.5234, 63.9225, 103.8088 is called "border". The border property can be set on classes, ids or directly on the HTML element.

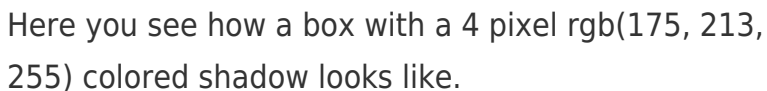
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 213, 255) }
```


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

```
.border{ border-color:rgb(175, 213, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5234, 63.9225, 103.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 213, 255) }
```

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

```
.background{ background-color: rgb(175,  
213, 255) }
```

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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