

Converting Colors

XYZ(56.6872, 59.3141,
103.0688)

Have a look what the booklet for
XYZ(56.6872, 59.3141, 103.0688)
contains.

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Color

**XYZ(56.6561, 59.1764,
103.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCCFF
RGB	172, 204, 255
RGB Percent	67%, 80%, 100%
CMY	0.3255, 0.2000, 0.0000
CMYK	0.33, 0.20, 0.00, 0.00
HSL	217°, 100%, 84%
HSV	217°, 33%, 100%
XYZ	56.6561, 59.1764, 103.0438
YIQ	200.2460, -35.4430, 9.0770

Conversions

Conversions Part 2

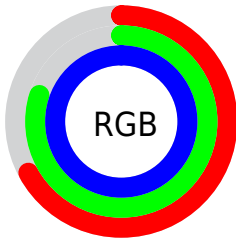
Format	Color
RYB	172, 195, 255
Decimal	11324671
CIELab	81.39, 1.02, -28.45
CIELCh	81, 28.466, 272.052
Yxy	59.1764, 0.2588, 0.2704
Android (android.graphics.Color)	4289514751 (0xFFACCCFF)
YUV	200.2460, 26.9937, -24.7717
Hunter-Lab	76.9262, -3.1557, -25.5715

Details

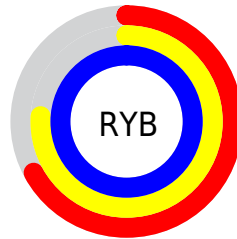
The XYZ color **56.6561, 59.1764, 103.0438** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.0743, 77.0139, 49.9398**, and the grayscale version is **54.9072, 57.7667, 62.9079**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **28.4355, 29.6718, 57.6546** is the 20% darker color. If you saturate the color by 10%, you get **48.0488, 49.4873, 101.6273**, and if you desaturate by 10%, it is **66.7153, 70.1728, 104.6362**.

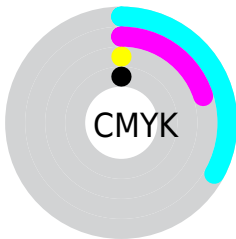
Distribution



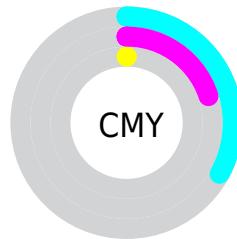
- Red (67%)
- Green (80%)
- Blue (100%)



- Red (67%)
- Yellow (76%)
- Blue (100%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6561, 59.1764, 103.0438 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 56.6561, 59.1764, 103.0438 by changing the saturation by 10% instead.

■ 56.6561, 59.1764,
103.0438

■ 56.6561, 59.1764,
103.0438

402.1945,
421.5553, 591.2377

■ 40.9683, 42.7551,
78.2140

■ 99.0975, 103.6340,
167.4220

■ 28.4818, 29.6930,
57.7323

126.5817,
132.4391, 207.8075

■ 18.8315, 19.6057,
41.1802

158.7288,
166.1410, 254.2153

■ 11.6519, 12.1088,
28.1391

195.9041,
205.1240, 307.0640

■ 6.5776, 6.8178,
18.1906

238.4730,
249.7725, 366.7720

■ 3.2433, 3.3484,
10.9161

286.8008,

■ 1.2837, 1.3162,

300.4710, 433.7579

5.8970

341.2528,
357.6038, 508.4403

■ 0.1710, 0.1537,
2.7148

■ 0.0000, 0.0000,
0.9508

■ 56.6561, 59.1764,
103.0438

■ 56.6561, 59.1764,
103.0438

■ 48.0488, 49.4873,
101.6273

■ 66.7153, 70.1728,
104.6362

■ 40.8156, 41.0450,
100.3790

■ 78.2883, 82.5202,
106.4095

■ 34.8787, 33.7937,
99.2923

■ 91.4400, 96.2682,
108.3700

■ 30.1498, 27.6698,
98.3595

95.0500, 100.0000,
108.9000

■ 26.5283, 22.6024,
97.5722

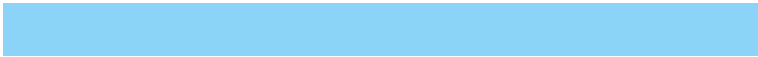
■ 23.8940, 18.5093,
96.9210

■ 22.4475, 16.0151,
96.5158

Harmonies

Analogous

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



51.0513, 59.1764, 97.9329



56.6561, 59.1764, 103.0438



62.5389, 59.1764, 96.3899

Triad

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



56.6561, 59.1764, 103.0438



66.5116, 59.1764, 48.5600



46.7309, 59.1764, 50.2627

Complementary

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



56.6561, 59.1764, 103.0438



75.0743, 77.0139, 49.9398

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.



50.3890, 59.1764, 40.4580



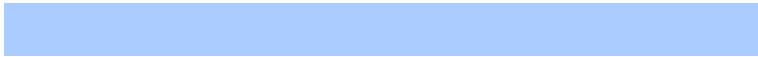
56.6561, 59.1764, 103.0438



61.7803, 59.1764, 39.6037

Square

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



56.6561, 59.1764, 103.0438



68.4728, 59.1764, 63.2668



55.8367, 59.1764, 36.9191



45.5678, 59.1764, 65.6136

Rectangle

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



56.6561, 59.1764, 103.0438



65.7596, 59.1764, 86.7587



55.8367, 59.1764, 36.9191



47.6962, 59.1764, 46.3091

Sweetspot

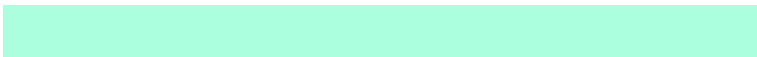
The Sweet Spot groups the original color and five complimentary colors.



56.6578, 59.1786, 103.0442



81.4866, 85.8879, 106.8910



65.9322, 85.5543, 82.0064



17.0611, 17.9835, 22.8219



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.



56.6578, 59.1786, 103.0442



50.9416, 52.7796, 102.1103



51.6963, 46.4661, 100.8519



17.5772, 18.5260, 22.8994



11.8629, 8.6354, 50.4761



1.2570, 1.0447, 4.9487

Inverse Universe

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



66.8928, 55.1262, 64.2440



62.7788, 48.7765, 57.0827



81.4589, 94.2184, 52.9241



18.2992, 18.1030, 20.1929



22.7760, 11.5997, 7.4711



2.2691, 1.1500, 0.9985

Previews

White Background



This preview shows how the XYZ color 56.6561, 59.1764, 103.0438 looks on a white background.

Color Contrast Check

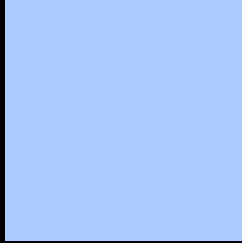
Large Text (above 18pt) WCAG AA × Fail

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 56.6561, 59.1764, 103.0438 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

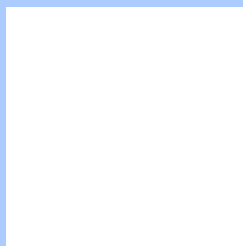
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6561, 59.1764, 103.0438

Background



This preview shows how black text looks on a background with the XYZ color 56.6561, 59.1764, 103.0438.



This preview shows how white text looks on a background with the XYZ color 56.6561, 59.1764,

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

56.6561, 59.1764, 103.0438

Protanopia

59.2112, 59.1556, 100.3929

Deuteranopia

60.2364, 58.9456, 102.8106



Tritanopia

52.0450, 59.0912, 80.6142

Trichromacy



Original Color

56.6561, 59.1764, 103.0438

Protanomaly

58.1447, 58.9324, 101.2390

Deuteranomaly

58.7119, 58.8428, 102.8711

Tritanomaly

53.7473, 59.0649, 88.6886

Monochromacy



Original Color

56.6561, 59.1764, 103.0438

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0401, 57.8877, 75.9827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6561, 59.1764, 103.0438 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(172, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 204, 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(172, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.6561, 59.1764, 103.0438 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(172, 204, 255) }
```


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

```
.border{ border-color:rgb(172, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6561, 59.1764, 103.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 204, 255) }
```

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

```
.background{ background-color: rgb(172,  
204, 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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