

Converting Colors

XYZ(61.0216, 62.1551,
120.7799)

Have a look what the booklet for
XYZ(61.0216, 62.1551, 120.7799)
contains.

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Color

**XYZ(57.5964, 60.7299,
103.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCFFF
RGB	173, 207, 255
RGB Percent	68%, 81%, 100%
CMY	0.3216, 0.1882, 0.0000
CMYK	0.32, 0.19, 0.00, 0.00
HSL	215°, 100%, 84%
HSV	215°, 32%, 100%
XYZ	57.5964, 60.7299, 103.2941
YIQ	202.3060, -35.6720, 7.7200

Conversions

Conversions Part 2

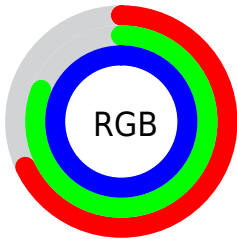
Format	Color
R_{YB}	173, 197, 255
Decimal	11390975
CIE _{Lab}	82.23, -0.31, -27.15
CIE _{LCh}	82, 27.152, 269.352
Yxy	60.7299, 0.2599, 0.2740
Android (android.graphics.Color)	4289581055 (0xFFADCFFF)
YUV	202.3060, 25.9781, -25.7014
Hunter-Lab	77.9294, -4.4499, -24.0373

Details

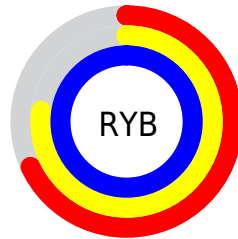
The XYZ color **57.5964, 60.7299, 103.2941** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.6395, 75.9900, 50.2706**, and the grayscale version is **56.1904, 59.1166, 64.3780**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **29.0555, 30.7112, 57.8226** is the 20% darker color. If you saturate the color by 10%, you get **49.0398, 51.2031, 101.9063**, and if you desaturate by 10%, it is **67.5744, 71.4998, 104.8470**.

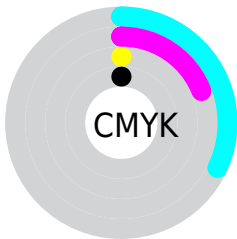
Distribution



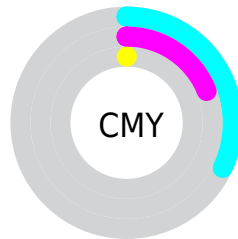
- Red (68%)
- Green (81%)
- Blue (100%)



- Red (68%)
- Yellow (77%)
- Blue (100%)



- Cyan (32%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5964, 60.7299, 103.2941 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 57.5964, 60.7299, 103.2941 by changing the saturation by 10% instead.

■ 57.5964, 60.7299,
103.2941

■ 57.5964, 60.7299,
103.2941

405.6585,
427.2830, 592.0397

■ 41.7263, 44.0072,
78.4223

■ 100.4612,
105.8878, 167.7679

■ 29.0772, 30.6762,
57.9024

128.1867,
135.0917, 208.2070

■ 19.2838, 20.3524,
41.3160

160.5945,
169.2249, 254.6722

■ 11.9807, 12.6515,
28.2445

198.0503,
208.6717, 307.5822

■ 6.8027, 7.1890,
18.2694

240.9192,
253.8165, 367.3553

■ 3.3842, 3.5806,
10.9722

289.5666,

■ 1.3601, 1.4418,

305.0437, 434.4103

5.9342

344.3579,
362.7378, 509.1655

■ 0.2275, 0.2472,
2.7370

■ 0.0000, 0.0000,
0.9619

■ 57.5964, 60.7299,
103.2941

■ 57.5964, 60.7299,
103.2941

■ 49.0398, 51.2031,
101.9063

■ 67.5744, 71.4998,
104.8470

■ 41.8286, 42.8620,
100.6763

■ 79.0342, 83.5532,
106.5696

■ 35.8871, 35.6543,
99.5982

■ 92.0389, 96.9368,
108.4675

■ 31.1291, 29.5202,
98.6650

■ 95.0500, 100.0000,
108.9000

■ 27.4564, 24.3931,
97.8690

■ 24.7520, 20.1956,
97.2013

■ 23.1770, 17.4740,
96.7590

Harmonies

Analogous

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



52.2444, 60.7299, 97.4308



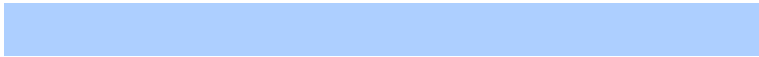
57.5964, 60.7299, 103.2941



63.3378, 60.7299, 97.8974

Triad

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



57.5964, 60.7299, 103.2941



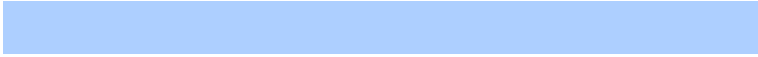
67.9517, 60.7299, 51.7292



48.6862, 60.7299, 51.2018

Complementary

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



57.5964, 60.7299, 103.2941



74.6395, 75.9900, 50.2706

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.



52.4483, 60.7299, 42.0982



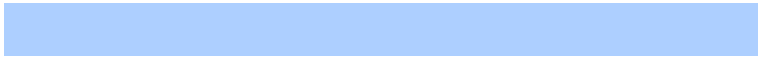
57.5964, 60.7299, 103.2941



63.5696, 60.7299, 42.3650

Square

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



57.5964, 60.7299, 103.2941



69.5526, 60.7299, 66.4850



57.8477, 60.7299, 39.1501



47.3152, 60.7299, 65.7654

Rectangle

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



57.5964, 60.7299, 103.2941



66.5635, 60.7299, 89.0793



57.8477, 60.7299, 39.1501



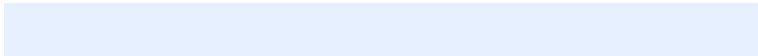
49.7002, 60.7299, 47.4965

Sweetspot

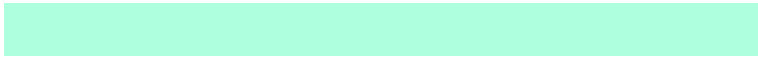
The Sweet Spot groups the original color and five complimentary colors.



57.5982, 60.7322, 103.2945



81.7047, 86.3240, 106.9636



66.0235, 85.6163, 81.3371



17.1137, 18.0887, 22.8394



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.



57.5982, 60.7322, 103.2945



51.5914, 54.0792, 102.3269



51.7786, 46.7922, 100.9105



17.6217, 18.6151, 22.9143



12.2494, 9.4084, 50.6050



1.2974, 1.1255, 4.9621

Inverse Universe

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



67.4472, 55.6537, 66.2214



63.1068, 48.9077, 58.8098



82.0738, 94.5243, 53.4563



18.3217, 18.1120, 20.3113



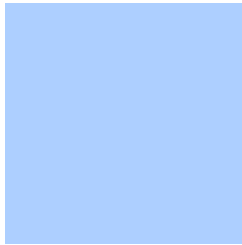
22.9711, 11.6777, 8.4984



2.2895, 1.1582, 1.1058

Previews

White Background



This preview shows how the XYZ color 57.5964, 60.7299, 103.2941 looks on a white background.

Color Contrast Check

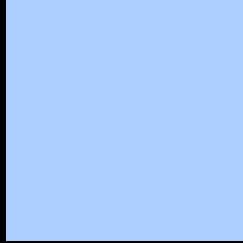
Large Text (above 18pt) WCAG AA × Fail

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 57.5964, 60.7299, 103.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

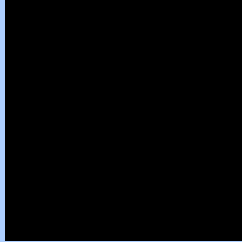
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

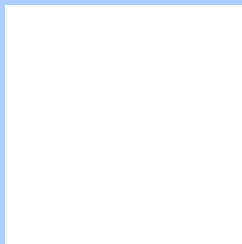
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5964, 60.7299, 103.2941

Background



This preview shows how black text looks on a background with the XYZ color 57.5964, 60.7299, 103.2941.



This preview shows how white text looks on a background with the XYZ color 57.5964, 60.7299,

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

57.5964, 60.7299, 103.2941

Protanopia

60.6835, 60.6068, 100.5954

Deuteranopia

61.7302, 60.3989, 103.0124



Tritanopia

53.6227, 60.9596, 83.0689

Trichromacy



Original Color

57.5964, 60.7299, 103.2941

Protanomaly

59.5722, 60.7167, 101.5082

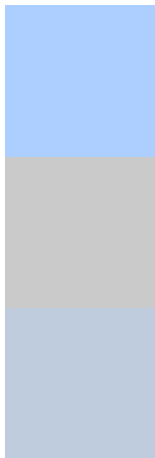
Deuteranomaly

60.1450, 60.6232, 103.1392

Tritanomaly

54.8414, 60.7012, 89.7150

Monochromacy



Original Color

57.5964, 60.7299, 103.2941

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1299, 59.4826, 76.9295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5964, 60.7299, 103.2941 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(173, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 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(173, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5964, 60.7299, 103.2941 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(173, 207, 255) }
```


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

```
.border{ border-color:rgb(173, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5964, 60.7299, 103.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 255) }
```

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

```
.background{ background-color: rgb(173,  
207, 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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