

Converting Colors

XYZ(63.0496, 62.3422,
131.7557)

Have a look what the booklet for
XYZ(63.0496, 62.3422, 131.7557)
contains.

XYZ(57.5605, 59.9966, 103.1545)	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(57.5605, 59.9966,
103.1545)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCDFE
RGB	175, 205, 255
RGB Percent	69%, 80%, 100%
CMY	0.3137, 0.1961, 0.0000
CMYK	0.31, 0.20, 0.00, 0.00
HSL	217°, 100%, 84%
HSV	217°, 31%, 100%
XYZ	57.5605, 59.9966, 103.1545
YIQ	201.7300, -33.9300, 9.1900

Conversions

Conversions Part 2

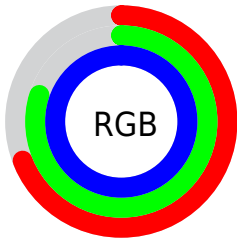
Format	Color
RYB	175, 197, 255
Decimal	11521535
CIELab	81.84, 1.32, -27.75
CIELCh	82, 27.777, 272.716
Yxy	59.9966, 0.2608, 0.2718
Android (android.graphics.Color)	4289711615 (0xFFAFCDF5)
YUV	201.7300, 26.2621, -23.4422
Hunter-Lab	77.4575, -2.9030, -24.7396

Details

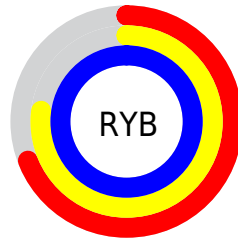
The XYZ color **57.5605, 59.9966, 103.1545** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.9033, 78.2055, 51.6539**, and the grayscale version is **55.8291, 58.7365, 63.9641**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **29.0054, 30.2035, 57.7272** is the 20% darker color. If you saturate the color by 10%, you get **48.7485, 50.0810, 101.7050**, and if you desaturate by 10%, it is **67.8450, 71.2505, 104.7846**.

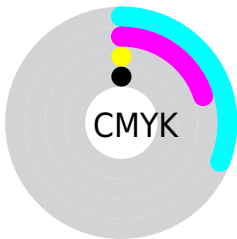
Distribution



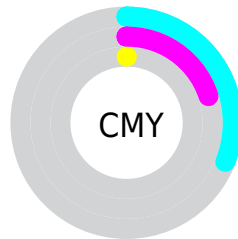
- Red (69%)
- Green (80%)
- Blue (100%)



- Red (69%)
- Yellow (77%)
- Blue (100%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5605, 59.9966, 103.1545 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 57.5605, 59.9966, 103.1545 by changing the saturation by 10% instead.

■ 57.5605, 59.9966,
103.1545

■ 57.5605, 59.9966,
103.1545

405.5266,
424.5852, 591.5925

■ 41.6973, 43.4159,
78.3061

■ 100.4092,
104.8247, 167.5750

■ 29.0544, 30.2116,
57.8075

128.1255,
133.8410, 207.9842

■ 19.2665, 19.9992,
41.2402

160.5234,
167.7711, 254.4174

■ 11.9681, 12.3945,
28.1857

197.9685,
206.9997, 307.2932

■ 6.7940, 7.0129,
18.2255

240.8259,
251.9110, 367.0300

■ 3.3788, 3.4702,
10.9409

289.4612,

■ 1.3571, 1.3819,

302.8894, 434.0465

5.9134

344.2396,
360.3193, 508.7611

■ 0.2254, 0.2033,
2.7246

■ 0.0000, 0.0000,
0.9558

■ 57.5605, 59.9966,
103.1545

■ 57.5605, 59.9966,
103.1545

■ 48.7485, 50.0810,
101.7050

■ 67.8450, 71.2505,
104.7846

■ 41.3312, 41.4424,
100.4285

■ 79.6639, 83.8870,
106.6008

■ 35.2312, 34.0241,
99.3182

■ 93.0821, 97.9565,
108.6093

■ 30.3606, 27.7620,
98.3662

■ 95.0500, 100.0000,
108.9000

■ 26.6197, 22.5845,
97.5640

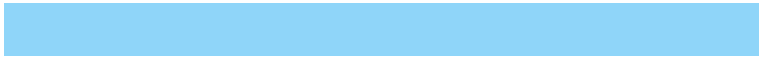
■ 23.8905, 18.4096,
96.9020

■ 22.1992, 15.5185,
96.4331

Harmonies

Analogous

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



52.0139, 59.9966, 98.4095



57.5605, 59.9966, 103.1545



63.3345, 59.9966, 96.4139

Triad

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



57.5605, 59.9966, 103.1545



67.0409, 59.9966, 49.3905



47.5851, 59.9966, 51.6211

Complementary

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



57.5605, 59.9966, 103.1545



75.9033, 78.2055, 51.6539

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.



51.1490, 59.9966, 41.7620



57.5605, 59.9966, 103.1545



62.3480, 59.9966, 40.6376

Square

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



57.5605, 59.9966, 103.1545



69.0375, 59.9966, 63.8090



56.4928, 59.9966, 38.1022



46.4936, 59.9966, 66.8670

Rectangle

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



57.5605, 59.9966, 103.1545



66.4686, 59.9966, 86.8903



56.4928, 59.9966, 38.1022



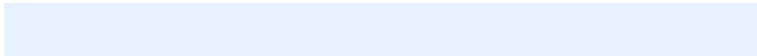
48.5211, 59.9966, 47.6620

Sweetspot

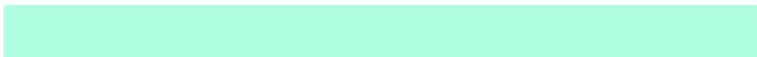
The Sweet Spot groups the original color and five complimentary colors.



57.5622, 59.9989, 103.1548



82.6987, 87.0917, 107.0594



66.9400, 86.0344, 83.8374



17.3001, 18.2183, 22.8546



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.



57.5622, 59.9989, 103.1548



51.5600, 53.2788, 102.1741



53.2285, 48.1132, 101.0891



17.5611, 18.4938, 22.8940



11.7310, 8.3716, 50.4322



1.2430, 1.0168, 4.9440

Inverse Universe

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



67.5906, 56.3293, 65.0703



63.2710, 49.6627, 57.5493



81.3876, 94.1480, 54.4420



18.2911, 18.0998, 20.1502



22.7095, 11.5731, 7.1205



2.2620, 1.1472, 0.9613

Previews

White Background



This preview shows how the XYZ color 57.5605, 59.9966, 103.1545 looks on a white background.

Color Contrast Check

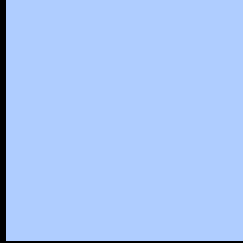
Large Text (above 18pt) WCAG AA × Fail

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 57.5605, 59.9966, 103.1545 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

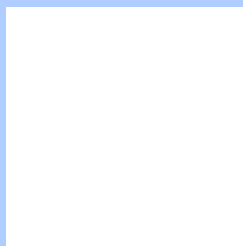
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5605, 59.9966, 103.1545

Background



This preview shows how black text looks on a background with the XYZ color 57.5605, 59.9966, 103.1545.



This preview shows how white text looks on a background with the XYZ color 57.5605, 59.9966,

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

57.5605, 59.9966, 103.1545

Protanopia

59.9432, 59.8779, 100.4937

Deuteranopia

60.9791, 59.6689, 102.9111



Tritanopia

53.2739, 60.0743, 81.4607

Trichromacy



Original Color

57.5605, 59.9966, 103.1545

Protanomaly

58.8577, 59.6472, 101.3394

Deuteranomaly

59.6757, 59.6847, 102.9828

Tritanomaly

54.6365, 59.8841, 88.7999

Monochromacy



Original Color

57.5605, 59.9966, 103.1545

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1453, 59.1388, 76.8624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5605, 59.9966, 103.1545 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, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 205, 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, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.5605, 59.9966, 103.1545 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, 205, 255) }
```


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

```
.border{ border-color:rgb(175, 205, 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, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5605, 59.9966, 103.1545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 205, 255) }
```

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

```
.background{ background-color: rgb(175,  
205, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor