

Converting Colors

XYZ(61.7705, 62.9862,
138.9512)

Have a look what the booklet for
XYZ(61.7705, 62.9862, 138.9512)
contains.

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Color

**XYZ(54.9510, 60.0900,
103.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	9ED1FF
RGB	158, 209, 255
RGB Percent	62%, 82%, 100%
CMY	0.3804, 0.1804, 0.0000
CMYK	0.38, 0.18, 0.00, 0.00
HSL	208°, 100%, 81%
HSV	208°, 38%, 100%
XYZ	54.9510, 60.0900, 103.3100
YIQ	198.9950, -45.1620, 3.4940

Conversions

Conversions Part 2

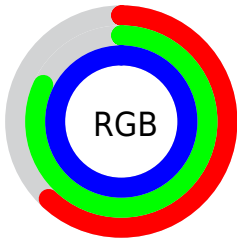
Format	Color
R _Y B	158, 191, 255
Decimal	10408447
CIE Lab	81.89, -5.39, -27.76
CIE LCh	82, 28.276, 259.002
Yxy	60.0900, 0.2517, 0.2752
Android (android.graphics.Color)	4288598527 (0xFF9ED1FF)
YUV	198.9950, 27.6105, -35.9526
Hunter-Lab	77.5177, -9.1204, -24.7550

Details

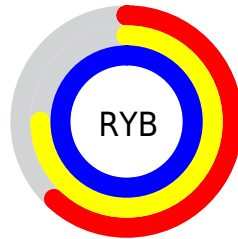
The XYZ color **54.9510, 60.0900, 103.3100** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.0050, 66.9148, 41.6286**, and the grayscale version is **54.1408, 56.9604, 62.0298**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **27.3939, 30.3447, 57.8394** is the 20% darker color. If you saturate the color by 10%, you get **47.5909, 52.0585, 102.1477**, and if you desaturate by 10%, it is **63.5804, 69.1128, 104.5968**.

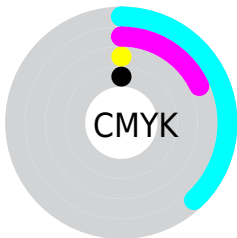
Distribution



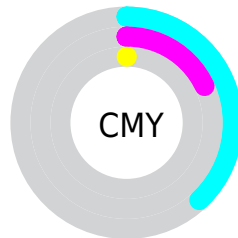
- Red (62%)
- Green (82%)
- Blue (100%)



- Red (62%)
- Yellow (75%)
- Blue (100%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9510, 60.0900, 103.3100 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 54.9510, 60.0900, 103.3100 by changing the saturation by 10% instead.

■ 54.9510, 60.0900,
103.3100

■ 54.9510, 60.0900,
103.3100

395.8656,
424.9294, 592.0906

■ 39.5962, 43.4912,
78.4355

■ 96.6179, 104.9602,
167.7899

■ 27.4066, 30.2707,
57.9132

■ 123.6607,
134.0004, 208.2324

■ 18.0170, 20.0441,
41.3246

155.3302,
167.9565, 254.7013

■ 11.0620, 12.4271,
28.2512

191.9917,
207.2129, 307.6151

■ 6.1761, 7.0353,
18.2744

234.0107,
252.1540, 367.3924

■ 2.9942, 3.4842,
10.9757

281.7524,

■ 1.1507, 1.3894,

303.1642, 434.4517

5.9365

335.5823,
360.6279, 509.2116

■ 0.0669, 0.2089,
2.7384

■ 0.0000, 0.0000,
0.9627

■ 54.9510, 60.0900,
103.3100

■ 54.9510, 60.0900,
103.3100

■ 47.5909, 52.0585,
102.1477

■ 63.5804, 69.1128,
104.5968

■ 41.4250, 44.9682,
101.1042

■ 73.5380, 79.1605,
106.0114

■ 36.3779, 38.7740,
100.1746

■ 84.8849, 90.2727,
107.5582

■ 32.3621, 33.4229,
99.3533

95.0500, 100.0000,
108.9000

■ 29.2753, 28.8538,
98.6341

■ 26.9802, 24.9875,
98.0088

■ 26.5856, 24.2913,
97.8952

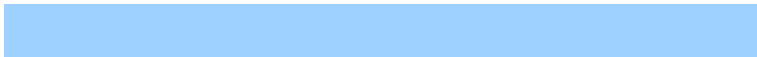
Harmonies

Analogous

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



49.9070, 60.0900, 93.5186



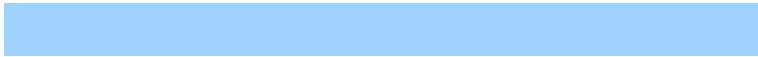
54.9510, 60.0900, 103.3100



60.9347, 60.0900, 101.7074

Triad

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



54.9510, 60.0900, 103.3100



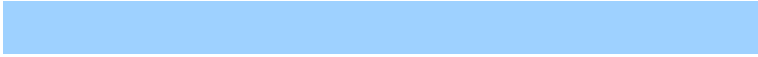
68.6733, 60.0900, 55.2936



48.8783, 60.0900, 46.1380

Complementary

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



54.9510, 60.0900, 103.3100



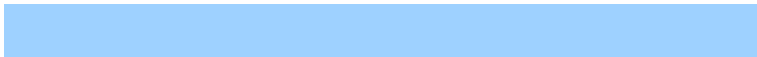
69.0050, 66.9148, 41.6286

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.



53.4559, 60.0900, 38.9995



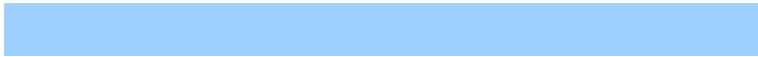
54.9510, 60.0900, 103.3100



64.9829, 60.0900, 43.6140

Square

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



54.9510, 60.0900, 103.3100



69.1434, 60.0900, 71.9043



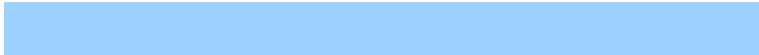
59.3325, 60.0900, 38.1641



46.5671, 60.0900, 59.3524

Rectangle

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



54.9510, 60.0900, 103.3100



64.6495, 60.0900, 94.4561



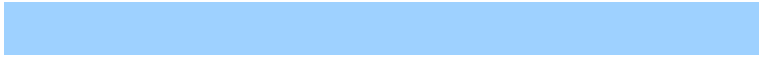
59.3325, 60.0900, 38.1641



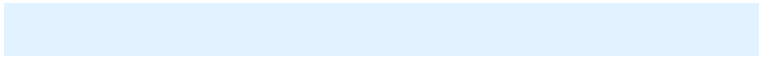
50.1876, 60.0900, 43.0545

Sweetspot

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



54.9527, 60.0922, 103.3104



81.3752, 86.8676, 107.0859



60.6730, 83.1142, 69.5129



17.0828, 18.2665, 22.8754



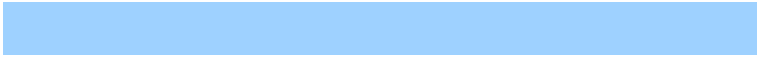
0.0000, 0.0000, 0.0000



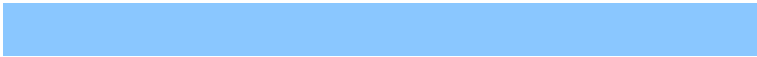
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9527, 60.0922, 103.3104



48.9915, 53.6174, 102.3748



44.9378, 40.0624, 99.9721



17.7935, 18.9586, 22.9715



14.0423, 12.9942, 51.2026



1.4767, 1.4841, 5.0219

Inverse Universe

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



64.9767, 50.3188, 66.6118



60.6379, 43.4920, 59.4603



82.1491, 93.2032, 46.0100



18.4084, 18.1467, 20.7678



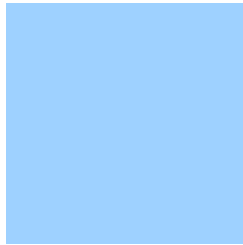
23.8761, 12.0397, 13.2640



2.3800, 1.1944, 1.5824

Previews

White Background



This preview shows how the XYZ color 54.9510, 60.0900, 103.3100 looks on a white background.

Color Contrast Check

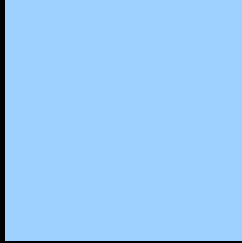
Large Text (above 18pt) WCAG AA × Fail

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 54.9510, 60.0900, 103.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

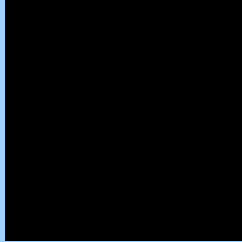
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

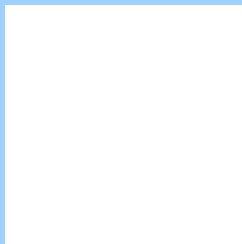
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9510, 60.0900, 103.3100

Background



This preview shows how black text looks on a background with the XYZ color 54.9510, 60.0900, 103.3100.



This preview shows how white text looks on a background with the XYZ color 54.9510, 60.0900,

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

54.9510, 60.0900, 103.3100

Protanopia

59.7238, 59.8193, 98.0210

Deuteranopia

60.9791, 59.6689, 102.9111



Tritanopia

51.0261, 59.9771, 83.7503

Trichromacy



Original Color

54.9510, 60.0900, 103.3100

Protanomaly

57.8278, 59.8541, 99.7719

Deuteranomaly

58.6973, 59.8770, 103.0715

Tritanomaly

52.4499, 60.1890, 90.5146

Monochromacy



Original Color

54.9510, 60.0900, 103.3100

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.9093, 58.0167, 75.3749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9510, 60.0900, 103.3100 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(158, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 209, 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(158, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.9510, 60.0900, 103.3100 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(158, 209, 255) }
```


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

```
.border{ border-color:rgb(158, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9510, 60.0900, 103.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 209, 255) }
```

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

```
.background{ background-color: rgb(158,  
209, 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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