

Converting Colors

XYZ(54.3862, 59.9800, 95.0970)

Have a look what the booklet for
XYZ(54.3862, 59.9800, 95.0970)
contains.

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Color

**XYZ(54.3862, 59.9800,
95.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D1F5
RGB	163, 209, 245
RGB Percent	64%, 82%, 96%
CMY	0.3608, 0.1804, 0.0392
CMYK	0.33, 0.15, 0.00, 0.04
HSL	206°, 80%, 80%
HSV	206°, 33%, 96%
XYZ	54.3862, 59.9800, 95.0970
YIQ	199.3500, -38.9720, 1.4440

Conversions

Conversions Part 2

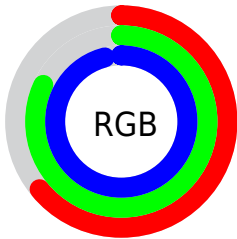
Format	Color
R_{YB}	163, 192, 245
Decimal	10736117
CIE _{Lab}	81.83, -6.57, -22.51
CIE _{LCh}	82, 23.447, 253.730
Yxy	59.9800, 0.2596, 0.2864
Android (android.graphics.Color)	4288926197 (0xFFA3D1F5)
YUV	199.3500, 22.5055, -31.8789
Hunter-Lab	77.4468, -10.1820, -18.5896

Details

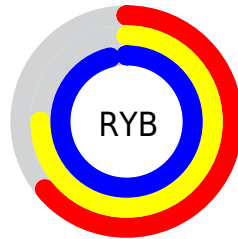
The XYZ color **54.3862, 59.9800, 95.0970** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.6917, 62.9048, 43.3845**, and the grayscale version is **54.3855, 57.2178, 62.3102**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **27.0910, 30.3050, 52.5657** is the 20% darker color. If you saturate the color by 10%, you get **47.2972, 52.5406, 94.0357**, and if you desaturate by 10%, it is **62.6288, 68.2814, 96.2659**.

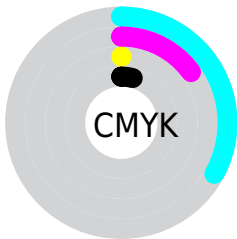
Distribution



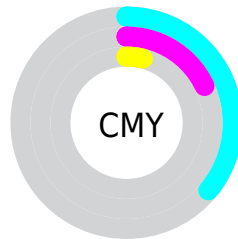
- Red (64%)
- Green (82%)
- Blue (96%)



- Red (64%)
- Yellow (75%)
- Blue (96%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3862, 59.9800, 95.0970 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 54.3862, 59.9800, 95.0970 by changing the saturation by 10% instead.

■ 54.3862, 59.9800,
95.0970

■ 54.3862, 59.9800,
95.0970

393.7554,
424.5240, 565.4677

■ 39.1424, 43.4025,
71.6184

■ 95.7946, 104.8007,
156.3953

■ 27.0518, 30.2011,
52.3621

■ 122.6900,
133.8126, 195.0521

■ 17.7489, 19.9912,
36.9095

154.1999,
167.7382, 239.6054

■ 10.8684, 12.3887,
24.8422

190.6897,
206.9618, 290.4737

■ 6.0451, 7.0090,
15.7416

232.5248,
251.8677, 348.0755

■ 2.9134, 3.4677,
9.1891

280.0706,

■ 1.1081, 1.3805,

302.8405, 412.8294

4.7662

333.6923,
360.2645, 485.1540

■ 0.0319, 0.2023,
2.0544

■ 0.0000, 0.0000,
0.5885

■ 54.3862, 59.9800,
95.0970

■ 54.3862, 59.9800,
95.0970

■ 47.2972, 52.5406,
94.0357

■ 62.6288, 68.2814,
96.2659

■ 41.2965, 45.9201,
93.0741

■ 72.0747, 77.4712,
97.5419

■ 36.3201, 40.0817,
92.2095

■ 82.7770, 87.5832,
98.9296

■ 32.2945, 34.9819,
91.4373

■ 92.5405, 97.4903,
100.3273

■ 29.1352, 30.5715,
90.7525

■ 93.4816, 99.3726,
100.6410

■ 26.7398, 26.7917,
90.1492

■ 25.4904, 24.6103,
89.7940

Harmonies

Analogous

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



50.4097, 59.9800, 86.0021



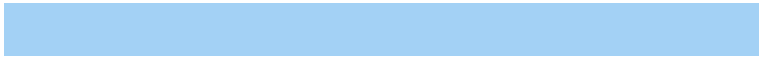
54.3862, 59.9800, 95.0970



59.2963, 59.9800, 95.4989

Triad

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



54.3862, 59.9800, 95.0970



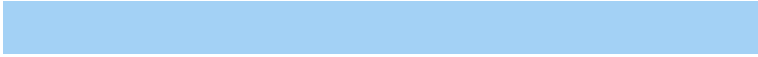
66.7553, 59.9800, 59.0545



50.6848, 59.9800, 47.5382

Complementary

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



54.3862, 59.9800, 95.0970



64.6917, 62.9048, 43.3845

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.



54.7817, 59.9800, 42.2627



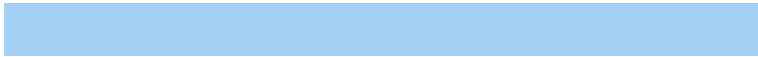
54.3862, 59.9800, 95.0970



64.1609, 59.9800, 48.2322

Square

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



54.3862, 59.9800, 95.0970



66.6342, 59.9800, 73.2393



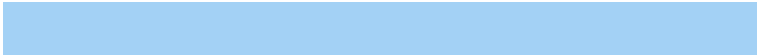
59.7152, 59.9800, 42.4968



48.3588, 59.9800, 57.9710

Rectangle

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



54.3862, 59.9800, 95.0970



62.4546, 59.9800, 90.6784



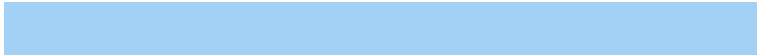
59.7152, 59.9800, 42.4968



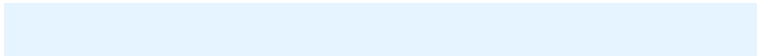
51.8899, 59.9800, 45.1750

Sweetspot

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



54.3881, 59.9824, 95.0984



82.8150, 88.5446, 107.3337



58.0129, 77.1945, 65.5934



17.3821, 18.6254, 22.9289



0.0000, 0.0000, 0.0000



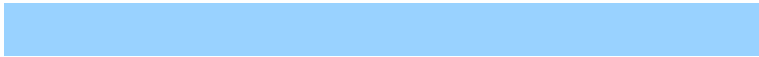
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3881, 59.9824, 95.0984



54.2881, 60.1947, 103.3652



45.6764, 42.5590, 92.1945



16.3524, 17.4691, 21.0526



13.8724, 13.5386, 48.4201



1.3215, 1.3944, 4.2897

Inverse Universe

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



62.2636, 50.2122, 66.7343



64.2917, 48.7066, 67.1300



75.2912, 84.1038, 46.9176



16.8885, 16.6382, 19.1592



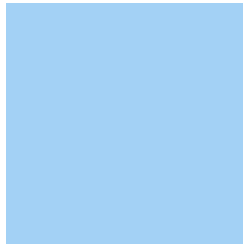
22.8067, 11.4661, 14.2222



2.0561, 1.0284, 1.5218

Previews

White Background



This preview shows how the XYZ color 54.3862, 59.9800, 95.0970 looks on a white background.

Color Contrast Check

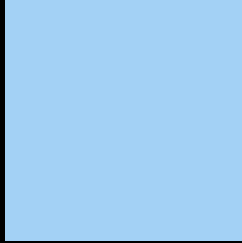
Large Text (above 18pt) WCAG AA × Fail

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 54.3862, 59.9800, 95.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

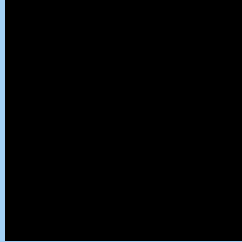
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

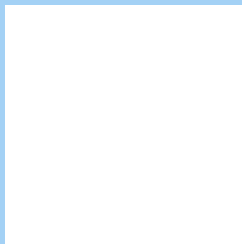
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3862, 59.9800, 95.0970

Background



This preview shows how black text looks on a background with the XYZ color 54.3862, 59.9800, 95.0970.

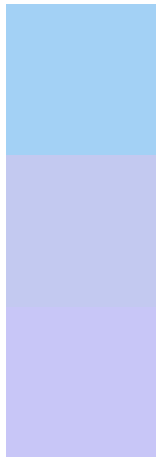


This preview shows how white text looks on a background with the XYZ color 54.3862, 59.9800,

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

54.3862, 59.9800, 95.0970

Protanopia

59.1205, 59.6667, 90.8389

Deuteranopia

60.8020, 59.3829, 96.2531



Tritanopia

51.9844, 60.1150, 82.9922

Trichromacy



Original Color

54.3862, 59.9800, 95.0970

Protanomaly

57.1483, 59.6638, 92.5086

Deuteranomaly

58.2486, 59.4597, 95.5956

Tritanomaly

52.7869, 60.0603, 87.4079

Monochromacy



Original Color

54.3862, 59.9800, 95.0970

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0003, 58.1088, 73.3358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3862, 59.9800, 95.0970 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(163, 209, 245)` looks like.

```
.text, #text, p{  
    color:rgb(163, 209, 245)  
}
```

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(163, 209, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 209, 245) }
```

Border

The CSS property to change the border of an element to XYZ 54.3862, 59.9800, 95.0970 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(163, 209, 245) }
```


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

```
.border{ border-color:rgb(163, 209, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 209, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 209, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 209, 245);  
box-shadow:4px 4px 4px 4px rgb(163, 209,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3862, 59.9800, 95.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 209, 245) }
```

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

```
.background{ background-color: rgb(163,  
209, 245) }
```

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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