

Converting Colors

XYZ(81.5989, 70.4153,
247.2145)

Have a look what the booklet for
XYZ(81.5989, 70.4153, 247.2145)
contains.

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Color

**XYZ(54.1234, 59.3003,
103.2012)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD0FF
RGB	155, 208, 255
RGB Percent	61%, 82%, 100%
CMY	0.3921, 0.1843, 0.0000
CMYK	0.39, 0.18, 0.00, 0.00
HSL	208°, 100%, 80%
HSV	208°, 39%, 100%
XYZ	54.1234, 59.3003, 103.2012
YIQ	197.5110, -46.6750, 3.3810

Conversions

Conversions Part 2

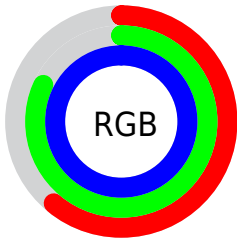
Format	Color
RYB	155, 190, 255
Decimal	10211583
CIELab	81.46, -5.64, -28.43
CIElCh	81, 28.985, 258.780
Yxy	59.3003, 0.2498, 0.2737
Android (android.graphics.Color)	4288401663 (0xFF9BD0FF)
YUV	197.5110, 28.3421, -37.2821
Hunter-Lab	77.0067, -9.3047, -25.5533

Details

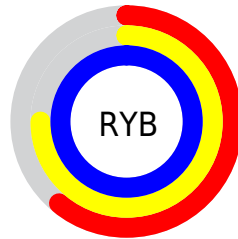
The XYZ color **54.1234, 59.3003, 103.2012** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.2774, 65.8680, 40.1274**, and the grayscale version is **53.2354, 56.0078, 60.9925**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **26.8942, 29.8411, 57.7685** is the 20% darker color. If you saturate the color by 10%, you get **46.9243, 51.4152, 102.0587**, and if you desaturate by 10%, it is **62.5801, 68.1641, 104.4664**.

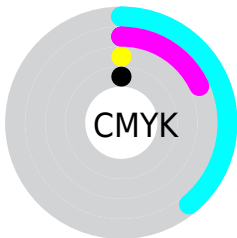
Distribution



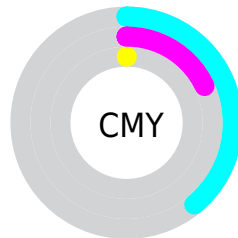
- Red (61%)
- Green (82%)
- Blue (100%)



- Red (61%)
- Yellow (75%)
- Blue (100%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1234, 59.3003, 103.2012 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 54.1234, 59.3003, 103.2012 by changing the saturation by 10% instead.

■ 54.1234, 59.3003,
103.2012

■ 54.1234, 59.3003,
103.2012

392.7711,
422.0139, 591.7421

■ 38.9314, 42.8549,
78.3449

■ 95.4112, 103.8140,
167.6396

■ 26.8868, 29.7713,
57.8393

■ 122.2378,
132.6511, 208.0588

■ 17.6244, 19.6651,
41.2656

153.6732,
166.3875, 254.5027

■ 10.7787, 12.1518,
28.2054

190.0829,
205.4077, 307.3899

■ 5.9844, 6.8472,
18.2402

231.8321,
250.0961, 367.1389

■ 2.8762, 3.3667,
10.9513

279.2864,

■ 1.0886, 1.3260,

300.8369, 434.1682

5.9204

332.8109,
358.0147, 508.8964

■ 0.0156, 0.1612,
2.7287

■ 0.0000, 0.0000,
0.9578

■ 54.1234, 59.3003,
103.2012

■ 54.1234, 59.3003,
103.2012

■ 46.9243, 51.4152,
102.0587

■ 62.5801, 68.1641,
104.4664

■ 40.9071, 44.4586,
101.0331

■ 72.3537, 78.0403,
105.8576

■ 35.9954, 38.3851,
100.1197

■ 83.5058, 88.9686,
107.3792

■ 32.1006, 33.1413,
99.3128

95.0500, 100.0000,
108.9000

■ 29.1180, 28.6651,
98.6060

■ 26.8928, 24.8684,
97.9904

■ 26.7355, 24.5910,
97.9452

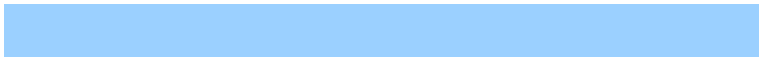
Harmonies

Analogous

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



49.0194, 59.3003, 93.1033



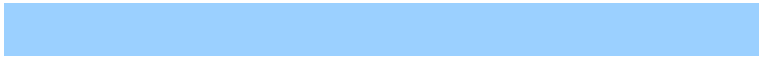
54.1234, 59.3003, 103.2012



60.2033, 59.3003, 101.6502

Triad

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



54.1234, 59.3003, 103.2012



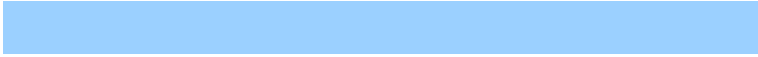
68.1463, 59.3003, 54.3972



48.0349, 59.3003, 44.9580

Complementary

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



54.1234, 59.3003, 103.2012



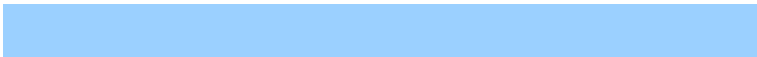
68.2774, 65.8680, 40.1274

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.



52.6899, 59.3003, 37.8185



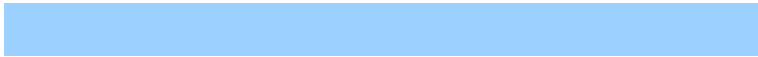
54.1234, 59.3003, 103.2012



64.4060, 59.3003, 42.5547

Square

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



54.1234, 59.3003, 103.2012



68.5992, 59.3003, 71.2900



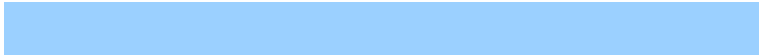
58.6639, 59.3003, 37.0258



45.6762, 59.3003, 58.2823

Rectangle

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



54.1234, 59.3003, 103.2012



63.9910, 59.3003, 94.2753



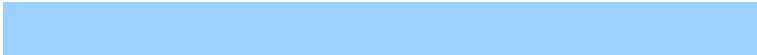
58.6639, 59.3003, 37.0258



49.3669, 59.3003, 41.8659

Sweetspot

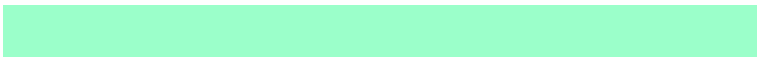
The Sweet Spot groups the original color and five complimentary colors.



54.1251, 59.3025, 103.2016



80.2571, 85.8163, 106.9419



59.8999, 82.7376, 68.4847



16.8604, 18.0580, 22.8469



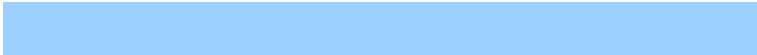
0.0000, 0.0000, 0.0000



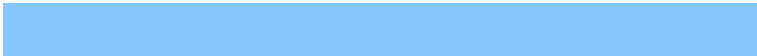
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1251, 59.3025, 103.2016



48.4140, 53.0796, 102.3014



43.8529, 38.7579, 99.7775



17.8001, 18.9718, 22.9737



14.1208, 13.1511, 51.2288



1.4843, 1.4993, 5.0244

Inverse Universe

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



64.3477, 49.2583, 65.7932



60.1957, 42.7382, 58.9103



81.8626, 93.0384, 44.6558



18.4117, 18.1480, 20.7853



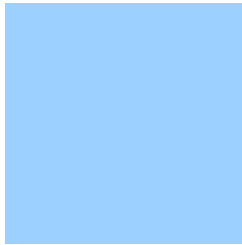
23.9157, 12.0556, 13.4725



2.3838, 1.1959, 1.6026

Previews

White Background



This preview shows how the XYZ color 54.1234, 59.3003, 103.2012 looks on a white background.

Color Contrast Check

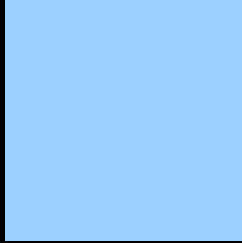
Large Text (above 18pt) WCAG AA × Fail

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 54.1234, 59.3003, 103.2012 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

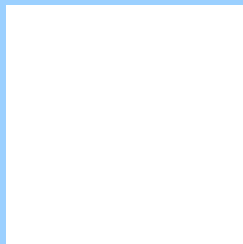
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1234, 59.3003, 103.2012

Background



This preview shows how black text looks on a background with the XYZ color 54.1234, 59.3003, 103.2012.



This preview shows how white text looks on a background with the XYZ color 54.1234, 59.3003,

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

54.1234, 59.3003, 103.2012

Protanopia

58.9884, 59.0953, 97.9200

Deuteranopia

60.2364, 58.9456, 102.8106



Tritanopia

50.0392, 59.0960, 83.6322

Trichromacy



Original Color

54.1234, 59.3003, 103.2012

Protanomaly

56.9000, 59.0240, 99.6606

Deuteranomaly

57.7609, 59.0448, 102.9602

Tritanomaly

51.6368, 59.3998, 90.4051

Monochromacy



Original Color

54.1234, 59.3003, 103.2012

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.1981, 57.3006, 75.2741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1234, 59.3003, 103.2012 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(155, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 208, 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(155, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.1234, 59.3003, 103.2012 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(155, 208, 255) }
```


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

```
.border{ border-color:rgb(155, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1234, 59.3003, 103.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 208, 255) }
```

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

```
.background{ background-color: rgb(155,  
208, 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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