

Converting Colors

XYZ(54.0881, 59.7947,
103.2985)

Have a look what the booklet for
XYZ(54.0881, 59.7947, 103.2985)
contains.

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Color

**XYZ(53.9873, 59.5932,
103.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	99D1FF
RGB	153, 209, 255
RGB Percent	60%, 82%, 100%
CMY	0.4000, 0.1804, 0.0000
CMYK	0.40, 0.18, 0.00, 0.00
HSL	207°, 100%, 80%
HSV	207°, 40%, 100%
XYZ	53.9873, 59.5932, 103.2650
YIQ	197.5000, -48.1420, 2.4340

Conversions

Conversions Part 2

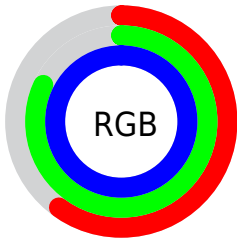
Format	Color
R _Y B	153, 189, 255
Decimal	10080767
CIE Lab	81.62, -6.68, -28.19
CIE LCh	82, 28.975, 256.675
Yxy	59.5932, 0.2490, 0.2748
Android (android.graphics.Color)	4288270847 (0xFF99D1FF)
YUV	197.5000, 28.3475, -39.0265
Hunter-Lab	77.1966, -10.2605, -25.2739

Details

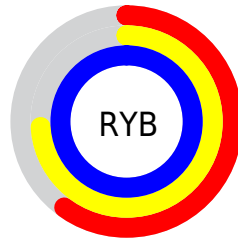
The XYZ color **53.9873, 59.5932, 103.2650** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.4137, 64.4072, 39.0176**, and the grayscale version is **53.2294, 56.0014, 60.9856**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **26.8442, 30.0613, 57.8137** is the 20% darker color. If you saturate the color by 10%, you get **46.9586, 51.9326, 102.1568**, and if you desaturate by 10%, it is **62.2515, 68.1957, 104.4898**.

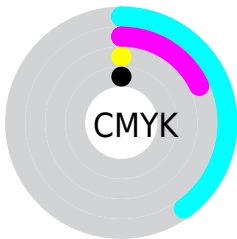
Distribution



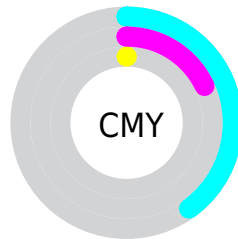
- Red (60%)
- Green (82%)
- Blue (100%)



- Red (60%)
- Yellow (74%)
- Blue (100%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9873, 59.5932, 103.2650 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 53.9873, 59.5932, 103.2650 by changing the saturation by 10% instead.

■ 53.9873, 59.5932,
103.2650

■ 53.9873, 59.5932,
103.2650

392.2607,
423.0967, 591.9465

■ 38.8221, 43.0908,
78.3980

■ 95.2126, 104.2393,
167.7277

■ 26.8015, 29.9564,
57.8826

■ 122.0034,
133.1519, 208.1606

■ 17.5600, 19.8055,
41.3002

153.4002,
166.9699, 254.6191

■ 10.7323, 12.2537,
28.2323

189.7683,
206.0779, 307.5219

■ 5.9531, 6.9167,
18.2603

231.4731,
250.8601, 367.2875

■ 2.8570, 3.4101,
10.9656

278.8798,

■ 1.0786, 1.3494,

301.7011, 434.3345

5.9298

332.3539,
358.9852, 509.0812

■ 0.0071, 0.1790,
2.7344

■ 0.0000, 0.0000,
0.9607

■ 53.9873, 59.5932,
103.2650

■ 53.9873, 59.5932,
103.2650

■ 46.9586, 51.9326,
102.1568

■ 62.2515, 68.1957,
104.4898

■ 41.0898, 45.1647,
101.1597

■ 71.8104, 77.7728,
105.8346

■ 36.3045, 39.2448,
100.2693

■ 82.7254, 88.3634,
107.3035

■ 32.5136, 34.1201,
99.4799

95.0500, 100.0000,
108.9000

■ 29.6116, 29.7294,
98.7854

■ 27.4290, 25.9779,
98.1763

■ 27.4287, 25.9773,
98.1762

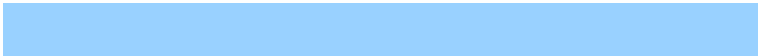
Harmonies

Analogous

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



48.9862, 59.5932, 92.4471



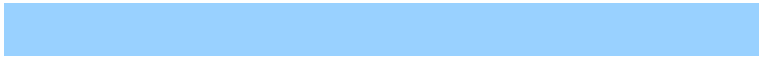
53.9873, 59.5932, 103.2650



60.0661, 59.5932, 102.5752

Triad

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



53.9873, 59.5932, 103.2650



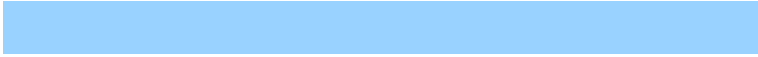
68.6067, 59.5932, 55.7378



48.5483, 59.5932, 44.5022

Complementary

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



53.9873, 59.5932, 103.2650



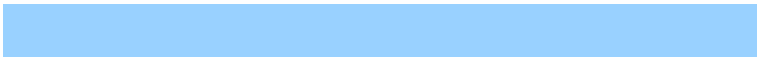
67.4137, 64.4072, 39.0176

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.



53.3497, 59.5932, 37.7872



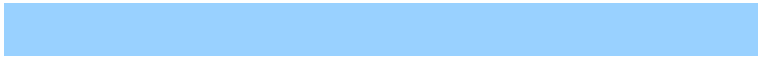
53.9873, 59.5932, 103.2650



65.0557, 59.5932, 43.4332

Square

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



53.9873, 59.5932, 103.2650



68.8081, 59.5932, 72.9209



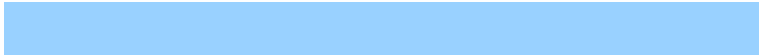
59.3814, 59.5932, 37.4346



46.0010, 59.5932, 57.4658

Rectangle

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



53.9873, 59.5932, 103.2650



63.9220, 59.5932, 95.6468



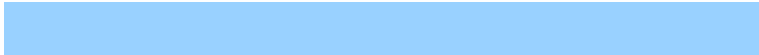
59.3814, 59.5932, 37.4346



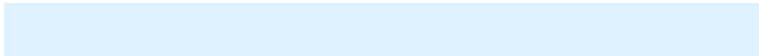
49.9360, 59.5932, 41.5493

Sweetspot

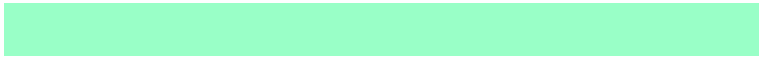
The Sweet Spot groups the original color and five complimentary colors.



53.9890, 59.5954, 103.2653



80.4293, 86.1606, 106.9993



59.1951, 82.4117, 66.7606



16.9009, 18.1391, 22.8604



0.0000, 0.0000, 0.0000



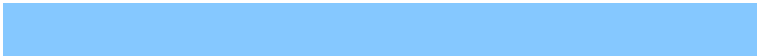
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9890, 59.5954, 103.2653



48.2683, 53.3909, 102.3692



43.4323, 38.4820, 99.7464



17.8297, 19.0311, 22.9836



14.4834, 13.8764, 51.3496



1.5194, 1.5694, 5.0361

Inverse Universe

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



64.1410, 48.6475, 66.3332



59.9751, 42.0866, 59.4848



81.1447, 91.8693, 43.5946



18.4267, 18.1540, 20.8642



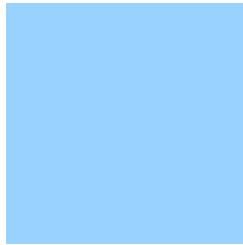
24.0987, 12.1288, 14.4364



2.4015, 1.2030, 1.6958

Previews

White Background



This preview shows how the XYZ color 53.9873, 59.5932, 103.2650 looks on a white background.

Color Contrast Check

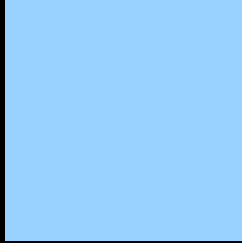
Large Text (above 18pt) WCAG AA × Fail

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 53.9873, 59.5932, 103.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

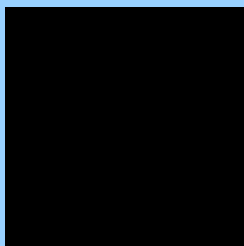
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

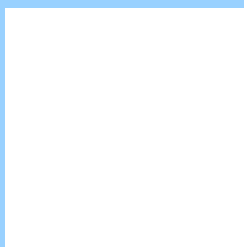
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9873, 59.5932, 103.2650

Background



This preview shows how black text looks on a background with the XYZ color 53.9873, 59.5932, 103.2650.



This preview shows how white text looks on a background with the XYZ color 53.9873, 59.5932,

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

53.9873, 59.5932, 103.2650

Protanopia

59.2390, 59.2245, 97.9318

Deuteranopia

60.4657, 59.4043, 102.8870



Tritanopia

50.1098, 59.5047, 83.7074

Trichromacy



Original Color

53.9873, 59.5932, 103.2650

Protanomaly

56.9000, 59.0240, 99.6606

Deuteranomaly

57.7660, 59.3968, 103.0279

Tritanomaly

51.5179, 59.7085, 90.4710

Monochromacy



Original Color

53.9873, 59.5932, 103.2650

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 53.9873, 59.5932, 103.2650 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(153, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9873, 59.5932, 103.2650 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(153, 209, 255) }
```


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

```
.border{ border-color:rgb(153, 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(153, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9873, 59.5932, 103.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 209, 255) }
```

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

```
.background{ background-color: rgb(153,  
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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