

Converting Colors

XYZ(54.2854, 60.9771,
104.3098)

Have a look what the booklet for
XYZ(54.2854, 60.9771, 104.3098)
contains.

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Color

**XYZ(53.9879, 60.6965,
103.4779)**

Conversions

Conversions Part 1

Format	Color
Hex	95D4FF
RGB	149, 212, 255
RGB Percent	58%, 83%, 100%
CMY	0.4157, 0.1686, 0.0000
CMYK	0.42, 0.17, 0.00, 0.00
HSL	204°, 100%, 79%
HSV	204°, 42%, 100%
XYZ	53.9879, 60.6965, 103.4779
YIQ	198.0650, -51.3510, 0.0170

Conversions

Conversions Part 2

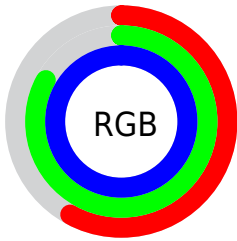
Format	Color
R_{YB}	149, 189, 255
Decimal	9819391
CIE _{Lab}	82.22, -9.26, -27.30
CIE _{LCh}	82, 28.824, 251.267
Yxy	60.6965, 0.2475, 0.2782
Android (android.graphics.Color)	4288009471 (0xFF95D4FF)
YUV	198.0650, 28.0690, -43.0300
Hunter-Lab	77.9080, -12.6437, -24.2138

Details

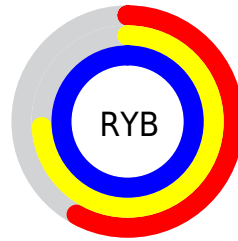
The XYZ color **53.9879, 60.6965, 103.4779** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.5151, 61.1299, 36.7819**, and the grayscale version is **53.5747, 56.3648, 61.3812**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **26.6636, 30.4665, 57.9014** is the 20% darker color. If you saturate the color by 10%, you get **47.3315, 53.5498, 102.4492**, and if you desaturate by 10%, it is **61.8319, 68.7041, 104.6101**.

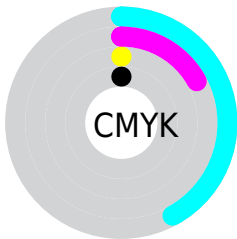
Distribution



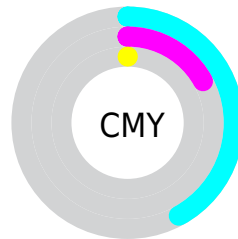
- Red (58%)
- Green (83%)
- Blue (100%)



- Red (58%)
- Yellow (74%)
- Blue (100%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9879, 60.6965, 103.4779 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 53.9879, 60.6965, 103.4779 by changing the saturation by 10% instead.

■ 53.9879, 60.6965,
103.4779

■ 53.9879, 60.6965,
103.4779

392.2630,
427.1603, 592.6282

■ 38.8226, 43.9803,
78.5752

■ 95.2135, 105.8394,
168.0219

■ 26.8019, 30.6550,
58.0274

■ 122.0045,
135.0348, 208.5003

■ 17.5603, 20.3363,
41.4158

153.4014,
169.1588, 255.0076

■ 10.7325, 12.6397,
28.3220

189.7697,
208.5957, 307.9625

■ 5.9532, 7.1809,
18.3274

231.4746,
253.7299, 367.7835

■ 2.8571, 3.5755,
11.0134

278.8816,

■ 1.0786, 1.4391,

304.9458, 434.8891

5.9616

332.3559,
362.6278, 509.6978

■ 0.0071, 0.2452,
2.7533

■ 0.0000, 0.0000,
0.9701

■ 53.9879, 60.6965,
103.4779

■ 53.9879, 60.6965,
103.4779

■ 47.3315, 53.5498,
102.4492

■ 61.8319, 68.7041,
104.6101

■ 41.7872, 47.2164,
101.5190

■ 70.9223, 77.6033,
105.8487

■ 37.2784, 41.6534,
100.6829

■ 81.3201, 87.4311,
107.1976

■ 33.7152, 36.8098,
99.9358

■ 93.0805, 98.2204,
108.6603

■ 30.9901, 32.6251,
99.2717

95.0500, 100.0000,
108.9000

■ 29.2070, 29.5341,
98.7690

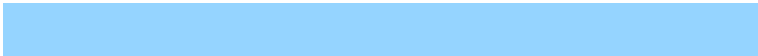
Harmonies

Analogous

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



49.2785, 60.6965, 90.9404



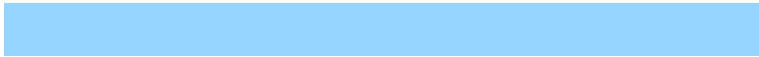
53.9879, 60.6965, 103.4779



60.0234, 60.6965, 105.0190

Triad

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



53.9879, 60.6965, 103.4779



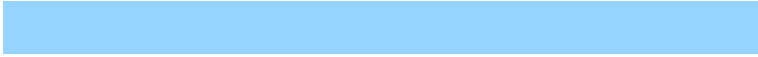
70.0360, 60.6965, 59.7110



50.2616, 60.6965, 43.8286

Complementary

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



53.9879, 60.6965, 103.4779



65.5151, 61.1299, 36.7819

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.



55.4182, 60.6965, 38.2080



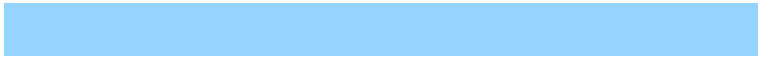
53.9879, 60.6965, 103.4779



67.0085, 60.6965, 46.2342

Square

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



53.9879, 60.6965, 103.4779



69.5850, 60.6965, 77.5298



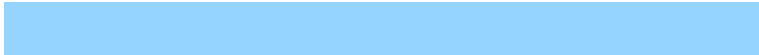
61.5580, 60.6965, 39.0027



47.2346, 60.6965, 55.8315

Rectangle

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



53.9879, 60.6965, 103.4779



64.0252, 60.6965, 99.3354



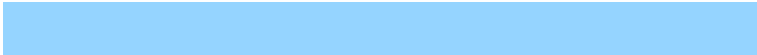
61.5580, 60.6965, 39.0027



51.7875, 60.6965, 41.2350

Sweetspot

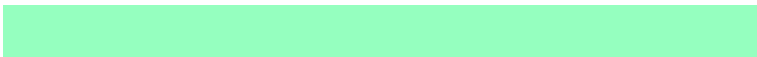
The Sweet Spot groups the original color and five complimentary colors.



53.9896, 60.6987, 103.4782



80.8418, 86.9857, 107.1368



57.6037, 81.6893, 62.2545



16.9981, 18.3334, 22.8927



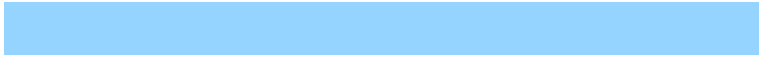
0.0000, 0.0000, 0.0000



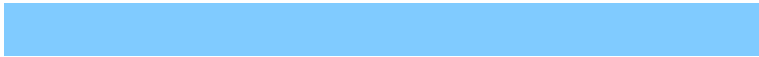
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9896, 60.6987, 103.4782



48.2992, 54.6149, 102.6038



42.9476, 38.6146, 99.7975



17.9007, 19.1731, 23.0072



15.4117, 15.7330, 51.6591



1.6079, 1.7465, 5.0656

Inverse Universe

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



63.8723, 47.5100, 68.0936



59.7070, 40.8934, 61.4215



79.1365, 88.3727, 41.3224



18.4625, 18.1683, 21.0529



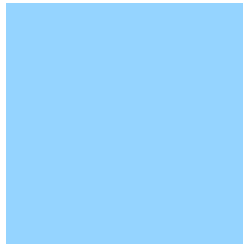
24.5673, 12.3162, 16.9038



2.4462, 1.2209, 1.9312

Previews

White Background



This preview shows how the XYZ color 53.9879, 60.6965, 103.4779 looks on a white background.

Color Contrast Check

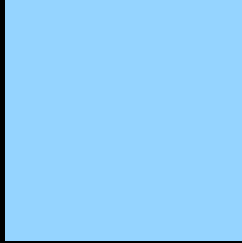
Large Text (above 18pt) WCAG AA × Fail

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 53.9879, 60.6965, 103.4779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

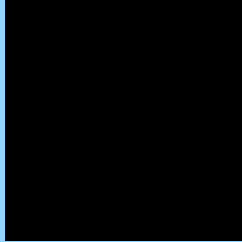
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

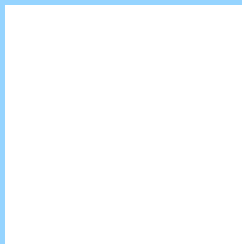
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9879, 60.6965, 103.4779

Background



This preview shows how black text looks on a background with the XYZ color 53.9879, 60.6965, 103.4779.

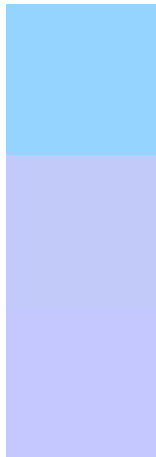


This preview shows how white text looks on a background with the XYZ color 53.9879, 60.6965,

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

53.9879, 60.6965, 103.4779

Protanopia

60.0561, 60.3558, 97.2915

Deuteranopia

61.4692, 60.2643, 103.0001



Tritanopia

50.5915, 60.8346, 86.1666

Trichromacy



Original Color

53.9879, 60.6965, 103.4779

Protanomaly

57.6154, 60.4548, 99.8991

Deuteranomaly

58.2333, 59.9894, 103.1176

Tritanomaly

51.8547, 60.9715, 92.2547

Monochromacy



Original Color

53.9879, 60.6965, 103.4779

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.9645, 57.5296, 75.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9879, 60.6965, 103.4779 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(149, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 212, 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(149, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9879, 60.6965, 103.4779 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(149, 212, 255) }
```


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

```
.border{ border-color:rgb(149, 212, 255) }
```

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

Here you see how a box with a 4 pixel rgb(149, 212, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9879, 60.6965, 103.4779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 212, 255) }
```

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

```
.background{ background-color: rgb(149,  
212, 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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