

Converting Colors

XYZ(53.6592, 58.9369,
103.1556)

Have a look what the booklet for
XYZ(53.6592, 58.9369, 103.1556)
contains.

XYZ(53.7427, 59.1041, 103.1834)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7427, 59.1041,
103.1834)**

Conversions

Conversions Part 1

Format	Color
Hex	99D0FF
RGB	153, 208, 255
RGB Percent	60%, 82%, 100%
CMY	0.4000, 0.1843, 0.0000
CMYK	0.40, 0.18, 0.00, 0.00
HSL	208°, 100%, 80%
HSV	208°, 40%, 100%
XYZ	53.7427, 59.1041, 103.1834
YIQ	196.9130, -47.8670, 2.9570

Conversions

Conversions Part 2

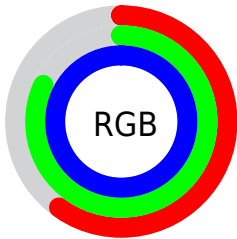
Format	Color
RYB	153, 189, 255
Decimal	10080511
CIELab	81.35, -6.15, -28.60
CIELCh	81, 29.258, 257.867
Yxy	59.1041, 0.2488, 0.2736
Android (android.graphics.Color)	4288270591 (0xFF99D0FF)
YUV	196.9130, 28.6369, -38.5117
Hunter-Lab	76.8792, -9.7575, -25.7606

Details

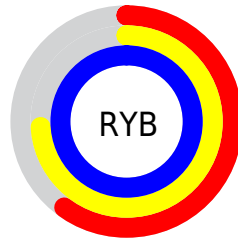
The XYZ color **53.7427, 59.1041, 103.1834** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.6444, 64.8687, 39.0944**, and the grayscale version is **52.8734, 55.6269, 60.5777**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **26.6784, 29.7298, 57.7584** is the 20% darker color. If you saturate the color by 10%, you get **46.6750, 51.3655, 102.0622**, and if you desaturate by 10%, it is **62.0545, 67.8017, 104.4242**.

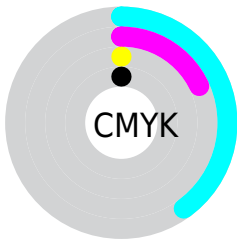
Distribution



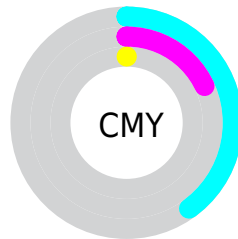
- Red (60%)
- Green (82%)
- Blue (100%)



- 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 53.7427, 59.1041, 103.1834 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 53.7427, 59.1041, 103.1834 by changing the saturation by 10% instead.

■ 53.7427, 59.1041,
103.1834

■ 53.7427, 59.1041,
103.1834

391.3425,
421.2876, 591.6851

■ 38.6258, 42.6969,
78.3301

■ 94.8555, 103.5289,
167.6150

■ 26.6482, 29.6474,
57.8272

■ 121.5821,
132.3154, 208.0304

■ 17.4444, 19.5711,
41.2559

152.9093,
165.9971, 254.4702

■ 10.6491, 12.0837,
28.1979

189.2026,
204.9584, 307.3530

■ 5.8970, 6.8007,
18.2346

230.8271,
249.5837, 367.0974

■ 2.8226, 3.3378,
10.9473

278.1484,

■ 1.0606, 1.3105,

300.2574, 434.1218

5.9177

331.5317,
357.3639, 508.8449

■ 0.0000, 0.1493,
2.7271

■ 0.0000, 0.0000,
0.9570

■ 53.7427, 59.1041,
103.1834

■ 53.7427, 59.1041,
103.1834

■ 46.6750, 51.3655,
102.0622

■ 62.0545, 67.8017,
104.4242

■ 40.7755, 44.5361,
101.0550

■ 71.6698, 77.4916,
105.7877

■ 35.9674, 38.5706,
100.1569

■ 82.6503, 88.2134,
107.2785

■ 32.1613, 33.4156,
99.3625

95.0500, 100.0000,
108.9000

■ 29.2515, 29.0092,
98.6654

■ 27.0679, 25.2557,
98.0560

■ 27.0676, 25.2552,
98.0559

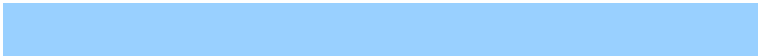
Harmonies

Analogous

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



48.6562, 59.1041, 92.6776



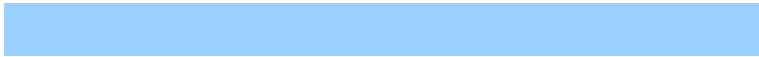
53.7427, 59.1041, 103.1834



59.8597, 59.1041, 101.9945

Triad

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



53.7427, 59.1041, 103.1834



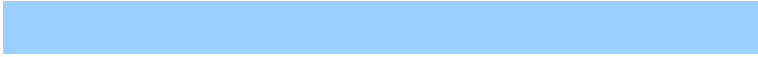
68.1199, 59.1041, 54.5714



47.9050, 59.1041, 44.3141

Complementary

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



53.7427, 59.1041, 103.1834



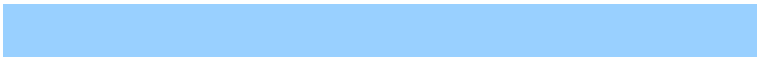
67.6444, 64.8687, 39.0944

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.



52.6479, 59.1041, 37.3431



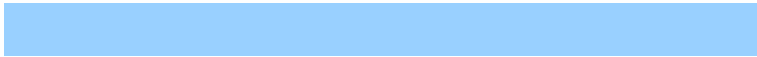
53.7427, 59.1041, 103.1834



64.4347, 59.1041, 42.4838

Square

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



53.7427, 59.1041, 103.1834



68.4664, 59.1041, 71.6906



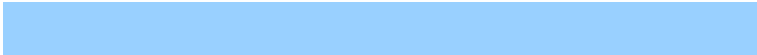
58.6830, 59.1041, 36.7403



45.4533, 59.1041, 57.5365

Rectangle

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



53.7427, 59.1041, 103.1834



63.7030, 59.1041, 94.7468



58.6830, 59.1041, 36.7403



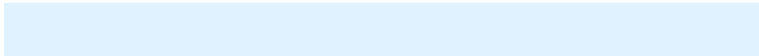
49.2678, 59.1041, 41.2743

Sweetspot

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



53.7444, 59.1063, 103.1838



80.3405, 85.9830, 106.9697



59.1951, 82.4117, 66.7605



16.8800, 18.0973, 22.8534



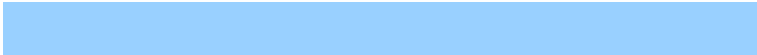
0.0000, 0.0000, 0.0000



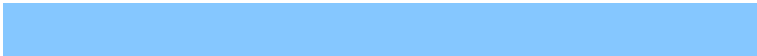
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7444, 59.1063, 103.1838



47.9919, 52.8381, 102.2771



43.4322, 38.4819, 99.7464



17.8144, 19.0005, 22.9785



14.2946, 13.4987, 51.2867



1.5012, 1.5330, 5.0301

Inverse Universe

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



64.0175, 48.5980, 65.6832



59.8355, 42.0308, 58.7501



81.1447, 91.8692, 43.5945



18.4190, 18.1509, 20.8235



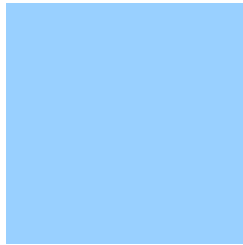
24.0034, 12.0907, 13.9344



2.3923, 1.1993, 1.6474

Previews

White Background



This preview shows how the XYZ color 53.7427, 59.1041, 103.1834 looks on a white background.

Color Contrast Check

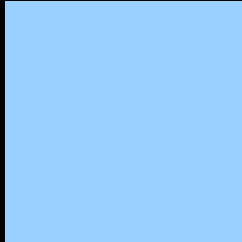
Large Text (above 18pt) WCAG AA × Fail

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 53.7427, 59.1041, 103.1834 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

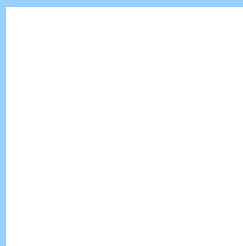
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7427, 59.1041, 103.1834

Background



This preview shows how black text looks on a background with the XYZ color 53.7427, 59.1041, 103.1834.



This preview shows how white text looks on a background with the XYZ color 53.7427, 59.1041,

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

53.7427, 59.1041, 103.1834

Protanopia

58.7575, 58.6336, 97.8431

Deuteranopia

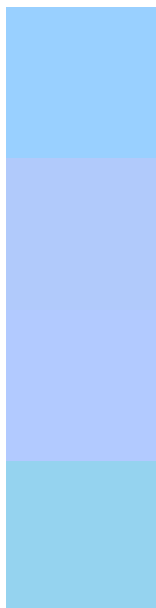
59.9823, 58.8146, 102.7987



Tritanopia

49.6805, 58.9111, 83.6155

Trichromacy



Original Color

53.7427, 59.1041, 103.1834

Protanomaly

56.6646, 58.5532, 99.5821

Deuteranomaly

57.5306, 58.9260, 102.9494

Tritanomaly

51.2687, 59.2101, 90.3879

Monochromacy



Original Color

53.7427, 59.1041, 103.1834

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.5976, 56.6590, 74.4938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7427, 59.1041, 103.1834 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, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 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(153, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7427, 59.1041, 103.1834 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, 208, 255) }
```


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

```
.border{ border-color:rgb(153, 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(153, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7427, 59.1041, 103.1834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 208, 255) }
```

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

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