

Converting Colors

XYZ(58.8510, 61.3961,
103.3566)

Have a look what the booklet for
XYZ(58.8510, 61.3961, 103.3566)
contains.

XYZ(58.9532, 61.4294, 103.3576)	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(58.9532, 61.4294,
103.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CFFF
RGB	179, 207, 255
RGB Percent	70%, 81%, 100%
CMY	0.2980, 0.1882, 0.0000
CMYK	0.30, 0.19, 0.00, 0.00
HSL	218°, 100%, 85%
HSV	218°, 30%, 100%
XYZ	58.9532, 61.4294, 103.3576
YIQ	204.1000, -32.0960, 8.9920

Conversions

Conversions Part 2

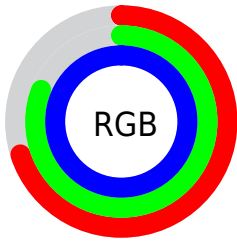
Format	Color
R_{YB}	179, 199, 255
Decimal	11784191
CIE _{Lab}	82.61, 1.37, -26.54
CIE _{LCh}	83, 26.578, 272.955
Yxy	61.4294, 0.2635, 0.2746
Android (android.graphics.Color)	4289974271 (0xFFB3CFFF)
YUV	204.1000, 25.0937, -22.0127
Hunter-Lab	78.3769, -2.8962, -23.3234

Details

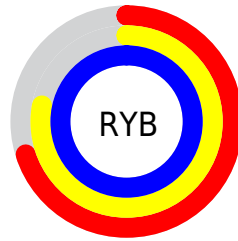
The XYZ color **58.9532, 61.4294, 103.3576** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.8458, 79.4524, 53.9352**, and the grayscale version is **57.3202, 60.3053, 65.6724**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **29.8965, 31.1448, 57.8619** is the 20% darker color. If you saturate the color by 10%, you get **49.8910, 51.2592, 101.8722**, and if you desaturate by 10%, it is **69.5067, 72.9620, 105.0274**.

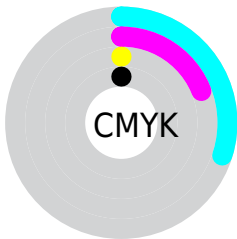
Distribution



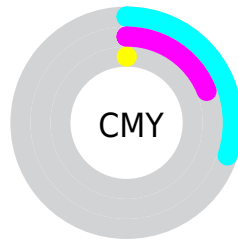
- Red (70%)
- Green (81%)
- Blue (100%)



- Red (70%)
- Yellow (78%)
- Blue (100%)



- Cyan (30%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9532, 61.4294, 103.3576 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 58.9532, 61.4294, 103.3576 by changing the saturation by 10% instead.

■ 58.9532, 61.4294,
103.3576

■ 58.9532, 61.4294,
103.3576

410.6253,
429.8467, 592.2430

■ 42.8217, 44.5718,
78.4751

■ 102.4247,
106.9004, 167.8557

■ 29.9391, 31.1203,
57.9456

130.4953,
136.2826, 208.3083

■ 19.9402, 20.6905,
41.3505

163.2764,
170.6085, 254.7881

■ 12.4596, 12.8979,
28.2713

201.1332,
210.2625, 307.7136

■ 7.1319, 7.3583,
18.2894

244.4311,
255.6289, 367.5033

■ 3.5918, 3.6872,
10.9864

293.5356,

■ 1.4739, 1.5002,

307.0921, 434.5757

5.9436

348.8118,
365.0366, 509.3494

■ 0.3080, 0.2888,
2.7426

■ 0.0000, 0.0000,
0.9648

■ 58.9532, 61.4294,
103.3576

■ 58.9532, 61.4294,
103.3576

■ 49.8910, 51.2592,
101.8722

■ 69.5067, 72.9620,
105.0274

■ 42.2427, 42.3897,
100.5633

■ 81.6131, 85.9015,
106.8869

■ 35.9317, 34.7642,
99.4241

95.0500, 100.0000,
108.9000

■ 30.8712, 28.3187,
98.4467

■ 26.9633, 22.9821,
97.6226

■ 24.0928, 18.6730,
96.9422

■ 22.0833, 15.2772,
96.3926

■ 22.0487, 15.2173,
96.3829

Harmonies

Analogous

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



53.5469, 61.4294, 98.8944



58.9532, 61.4294, 103.3576



64.5498, 61.4294, 96.8107

Triad

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



58.9532, 61.4294, 103.3576



68.0680, 61.4294, 51.2326



49.1649, 61.4294, 53.6131

Complementary

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



58.9532, 61.4294, 103.3576



76.8458, 79.4524, 53.9352

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.



52.6291, 61.4294, 43.8669



58.9532, 61.4294, 103.3576



63.5099, 61.4294, 42.6576

Square

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



58.9532, 61.4294, 103.3576



70.0223, 61.4294, 65.2823



57.8240, 61.4294, 40.1959



48.1174, 61.4294, 68.5161

Rectangle

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



58.9532, 61.4294, 103.3576



67.5725, 61.4294, 87.6193



57.8240, 61.4294, 40.1959



50.0738, 61.4294, 49.7125

Sweetspot

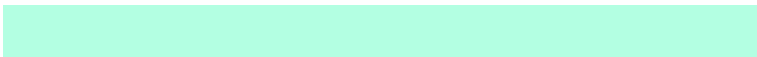
The Sweet Spot groups the original color and five complimentary colors.



58.9550, 61.4317, 103.3580



82.6542, 87.0026, 107.0446



68.0605, 86.5878, 84.9825



17.2891, 18.1964, 22.8510



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.



58.9550, 61.4317, 103.3580



53.1669, 54.9709, 102.4160



54.8776, 50.1363, 101.3926



17.5511, 18.4738, 22.8907



11.6509, 8.2114, 50.4055



1.2345, 0.9997, 4.9412

Inverse Universe

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



68.6237, 58.0067, 66.6137



64.4535, 51.5578, 59.3921



81.9500, 94.3918, 56.5497



18.2861, 18.0977, 20.1235



22.6690, 11.5569, 6.9077



2.2577, 1.1455, 0.9386

Previews

White Background



This preview shows how the XYZ color 58.9532, 61.4294, 103.3576 looks on a white background.

Color Contrast Check

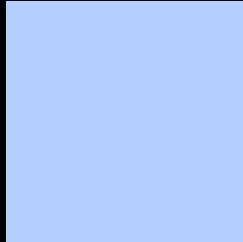
Large Text (above 18pt) WCAG AA × Fail

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 58.9532, 61.4294, 103.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

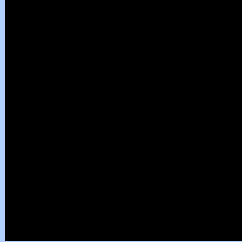
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

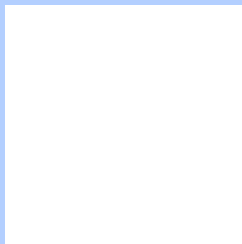
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9532, 61.4294, 103.3576

Background



This preview shows how black text looks on a background with the XYZ color 58.9532, 61.4294, 103.3576.



This preview shows how white text looks on a background with the XYZ color 58.9532, 61.4294,

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

58.9532, 61.4294, 103.3576

Protanopia

61.1748, 61.2095, 100.6858

Deuteranopia

62.4898, 61.1354, 103.1145



Tritanopia

54.9199, 61.6283, 83.1296

Trichromacy



Original Color

58.9532, 61.4294, 103.3576

Protanomaly

60.3088, 61.0964, 101.5427

Deuteranomaly

61.1442, 61.1383, 103.1860

Tritanomaly

56.1584, 61.3802, 89.7766

Monochromacy



Original Color

58.9532, 61.4294, 103.3576

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6563, 60.5925, 78.4687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9532, 61.4294, 103.3576 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(179, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 207, 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(179, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.9532, 61.4294, 103.3576 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(179, 207, 255) }
```


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

```
.border{ border-color:rgb(179, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(179, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9532, 61.4294, 103.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 207, 255) }
```

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

```
.background{ background-color: rgb(179,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor