

Converting Colors

XYZ(59.1029, 51.4237,
101.4185)

Have a look what the booklet for
XYZ(59.1029, 51.4237, 101.4185)
contains.

XYZ(59.0289, 51.3925, 101.4163)	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(59.0289, 51.3925,
101.4163)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB0FF
RGB	206, 176, 255
RGB Percent	81%, 69%, 100%
CMY	0.1921, 0.3098, 0.0000
CMYK	0.19, 0.31, 0.00, 0.00
HSL	263°, 100%, 85%
HSV	263°, 31%, 100%
XYZ	59.0289, 51.3925, 101.4163
YIQ	193.9760, -7.4790, 30.9290

Conversions

Conversions Part 2

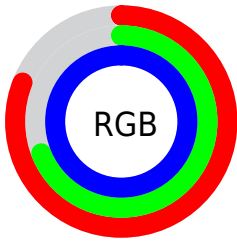
Format	Color
R _Y B	206, 176, 255
Decimal	13545727
CIE Lab	76.92, 26.09, -35.12
CIE LCh	77, 43.750, 306.609
Yxy	51.3925, 0.2787, 0.2426
Android (android.graphics.Color)	4291735807 (0xFFCEB0FF)
YUV	193.9760, 30.0848, 10.5450
Hunter-Lab	71.6886, 21.5233, -33.6943

Details

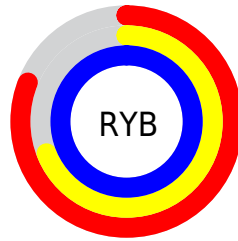
The XYZ color **59.0289, 51.3925, 101.4163** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **74.6488, 90.6626, 54.6418**, and the grayscale version is **51.0963, 53.7572, 58.5416**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **30.0385, 24.8224, 56.6341** is the 20% darker color. If you saturate the color by 10%, you get **50.3187, 40.1651, 99.7083**, and if you desaturate by 10%, it is **69.1232, 64.7298, 103.4587**.

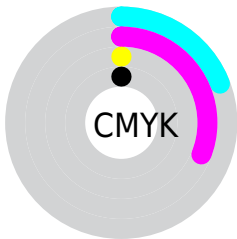
Distribution



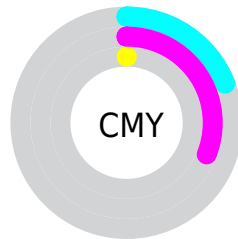
- Red (81%)
- Green (69%)
- Blue (100%)



- Red (81%)
- Yellow (69%)
- Blue (100%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0289, 51.3925, 101.4163 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 59.0289, 51.3925, 101.4163 by changing the saturation by 10% instead.

■ 59.0289, 51.3925,
101.4163

■ 59.0289, 51.3925,
101.4163

410.9013,
392.0868, 586.0094

■ 42.8828, 36.5211,
76.8604

■ 102.5341, 92.2347,
165.1710

■ 29.9873, 24.8369,
56.6274

130.6239,
118.9742, 205.2068

■ 19.9770, 15.9556,
40.2988

163.4256,
150.4386, 251.2398

■ 12.4865, 9.4927,
27.4561

201.3047,
187.0122, 303.6883

■ 7.1505, 5.0639,
17.6806

244.6265,
229.0795, 362.9710

■ 3.6035, 2.2848,
10.5538

293.7563,

■ 1.4804, 0.7657,

277.0247, 429.5064

5.6573

349.0594,
331.2324, 503.7130

■ 0.3124, 0.0000,
2.5724

■ 0.0000, 0.0000,
0.8782

■ 59.0289, 51.3925,
101.4163

■ 59.0289, 51.3925,
101.4163

■ 50.3187, 40.1651,
99.7083

■ 69.1232, 64.7298,
103.4587

■ 42.9222, 30.9295,
98.3155

■ 80.6579, 80.2746,
105.8512

■ 36.7693, 23.5648,
97.2183

■ 93.6918, 98.1256,
108.6098

■ 31.7812, 17.9343,
96.3943

■ 95.0500, 100.0000,
108.9000

■ 27.8682, 13.8813,
95.8183

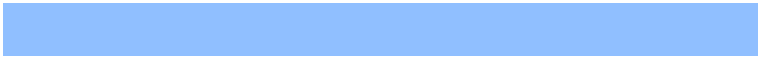
■ 24.9250, 11.2192,
95.4596

■ 22.9622, 9.7523,
95.2799

Harmonies

Analogous

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



50.7128, 51.3925, 114.9705



59.0289, 51.3925, 101.4163



65.0618, 51.3925, 76.2031

Triad

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



59.0289, 51.3925, 101.4163



55.4818, 51.3925, 23.5454



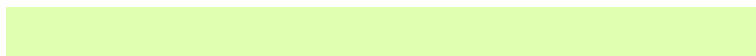
34.6085, 51.3925, 61.4020

Complementary

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



59.0289, 51.3925, 101.4163



74.6488, 90.6626, 54.6418

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.



35.5784, 51.3925, 39.6589



59.0289, 51.3925, 101.4163



47.0276, 51.3925, 21.6539

Square

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



59.0289, 51.3925, 101.4163



62.8568, 51.3925, 32.8284



39.9090, 51.3925, 26.6344



37.0909, 51.3925, 87.9925

Rectangle

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



59.0289, 51.3925, 101.4163



66.6330, 51.3925, 58.7133



39.9090, 51.3925, 26.6344



34.5463, 51.3925, 53.2897

Sweetspot

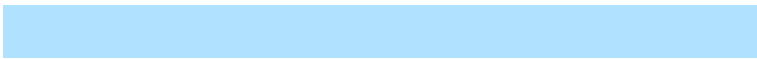
The Sweet Spot groups the original color and five complimentary colors.



59.0305, 51.3945, 101.4166



83.1162, 83.6208, 106.3675



63.1613, 70.8623, 104.9566



17.4022, 17.3698, 22.6855



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.



59.0305, 51.3945, 101.4166



53.6235, 44.3877, 100.3492



71.0468, 57.5891, 101.9790



17.6549, 17.7138, 22.7385



12.1509, 5.1745, 49.7929



1.3000, 0.5641, 4.8536

Inverse Universe

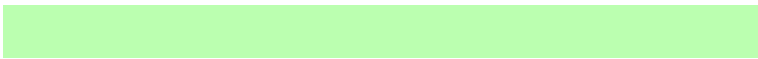
The Inverse Universe completely reimagines the original color for something new.



70.3570, 57.7487, 78.6739



66.7325, 51.7511, 73.6078



63.9773, 85.1613, 54.1423



18.4831, 18.1766, 21.1612



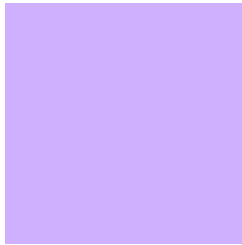
24.8560, 12.4317, 18.4241



2.4734, 1.2317, 2.0742

Previews

White Background



This preview shows how the XYZ color 59.0289, 51.3925, 101.4163 looks on a white background.

Color Contrast Check

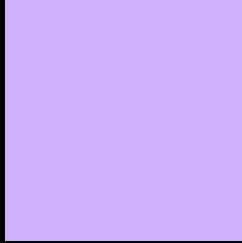
Large Text (above 18pt) WCAG AA × Fail

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 59.0289, 51.3925, 101.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

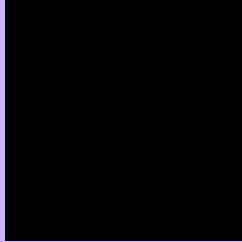
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0289, 51.3925, 101.4163

Background



This preview shows how black text looks on a background with the XYZ color 59.0289, 51.3925, 101.4163.



This preview shows how white text looks on a background with the XYZ color 59.0289, 51.3925,

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

59.0289, 51.3925, 101.4163

Protanopia

52.6108, 51.7325, 101.8202

Deuteranopia

52.9555, 51.6312, 100.1033



Tritanopia

51.1275, 51.2052, 62.4472

Trichromacy



Original Color

59.0289, 51.3925, 101.4163

Protanomaly

54.7189, 51.5683, 101.6774

Deuteranomaly

55.0726, 51.4618, 100.7964

Tritanomaly

53.5985, 50.9557, 75.4171

Monochromacy



Original Color

59.0289, 51.3925, 101.4163

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.4537, 52.5043, 72.2828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0289, 51.3925, 101.4163 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(206, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 176, 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(206, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.0289, 51.3925, 101.4163 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(206, 176, 255) }
```


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

```
.border{ border-color:rgb(206, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0289, 51.3925, 101.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 176, 255) }
```

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

```
.background{ background-color: rgb(206,  
176, 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