

Converting Colors

XYZ(59.2489, 53.2120, 94.4233)

Have a look what the booklet for
XYZ(59.2489, 53.2120, 94.4233)
contains.

XYZ(59.1709, 53.1115, 94.3217)	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(59.1709, 53.1115,
94.3217)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B5F6
RGB	208, 181, 246
RGB Percent	82%, 71%, 96%
CMY	0.1843, 0.2902, 0.0353
CMYK	0.15, 0.26, 0.00, 0.04
HSL	265°, 78%, 84%
HSV	265°, 26%, 96%
XYZ	59.1709, 53.1115, 94.3217
YIQ	196.4830, -4.7730, 25.9390

Conversions

Conversions Part 2

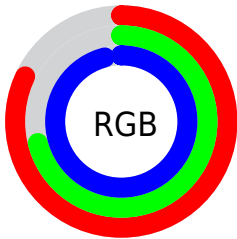
Format	Color
R _Y B	208, 181, 246
Decimal	13678070
CIE Lab	77.94, 22.02, -28.69
CIE LCh	78, 36.162, 307.504
Yxy	53.1115, 0.2864, 0.2571
Android (android.graphics.Color)	4291868150 (0xFFD0B5F6)
YUV	196.4830, 24.4119, 10.1004
Hunter-Lab	72.8776, 17.3921, -25.7216

Details

The XYZ color **59.1709, 53.1115, 94.3217** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.5114, 84.3091, 56.2754**, and the grayscale version is **52.6208, 55.3612, 60.2883**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **30.0413, 25.8848, 51.5570** is the 20% darker color. If you saturate the color by 10%, you get **50.7420, 41.9860, 92.6194**, and if you desaturate by 10%, it is **68.8530, 66.1967, 96.3379**.

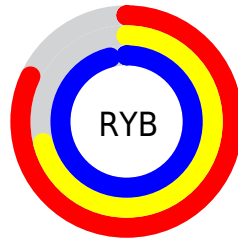
Distribution



Red (82%)

Green (71%)

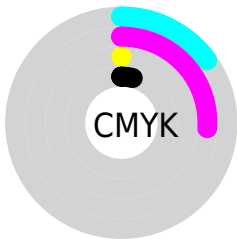
Blue (96%)



Red (82%)

Yellow (71%)

Blue (96%)

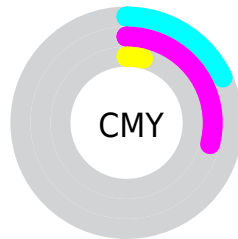


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (4%)



Cyan (18%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1709, 53.1115, 94.3217 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 59.1709, 53.1115, 94.3217 by changing the saturation by 10% instead.

■ 59.1709, 53.1115,
94.3217

■ 59.1709, 53.1115,
94.3217

411.4188,
398.7128, 562.9200

■ 42.9976, 37.8918,
70.9768

■ 102.7392, 94.7684,
155.3147

■ 30.0778, 25.8987,
51.8415

130.8650,
121.9744, 193.7998

■ 20.0460, 16.7479,
36.4974

163.7055,
153.9446, 238.1688

■ 12.5369, 10.0549,
24.5259

201.6264,
191.0635, 288.8401

■ 7.1852, 5.4354,
15.5084

244.9927,
233.7153, 346.2324

■ 3.6256, 2.5049,
9.0264

294.1700,

■ 1.4926, 0.8791,

282.2845, 410.7641

4.6613

349.5236,
337.1555, 482.8538

■ 0.3208, 0.0000,
1.9947

■ 0.0000, 0.0000,
0.5520

■ 59.1709, 53.1115,
94.3217

■ 59.1709, 53.1115,
94.3217

■ 50.7420, 41.9860,
92.6194

■ 68.8530, 66.1967,
96.3379

■ 43.5051, 32.7156,
91.2114

■ 79.8355, 81.3258,
98.6793

■ 37.4011, 25.1959,
90.0817

■ 92.1694, 98.5861,
101.3608

■ 32.3631, 19.3092,
89.2110

■ 93.6347, 99.4339,
101.4472

■ 28.3165, 14.9225,
88.5775

■ 25.1751, 11.8807,
88.1560

■ 22.8334, 9.9913,
87.9147

■ 22.1350, 9.4894,
87.8546

Harmonies

Analogous

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



52.2679, 53.1115, 105.3598



59.1709, 53.1115, 94.3217



64.0360, 53.1115, 73.9520

Triad

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



59.1709, 53.1115, 94.3217



55.8346, 53.1115, 28.9170



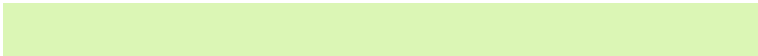
38.2240, 53.1115, 63.0369

Complementary

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



59.1709, 53.1115, 94.3217



70.5114, 84.3091, 56.2754

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.



38.9878, 53.1115, 44.2389



59.1709, 53.1115, 94.3217



48.7351, 53.1115, 27.3002

Square

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



59.1709, 53.1115, 94.3217



61.9885, 53.1115, 37.3075



42.6863, 53.1115, 32.2223



40.4936, 53.1115, 84.7622

Rectangle

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



59.1709, 53.1115, 94.3217



65.2344, 53.1115, 59.5327



42.6863, 53.1115, 32.2223



38.1385, 53.1115, 56.1589

Sweetspot

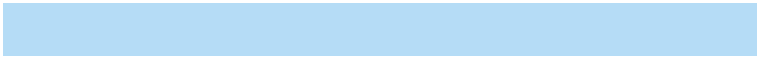
The Sweet Spot groups the original color and five complimentary colors.



59.1726, 53.1137, 94.3229



84.6315, 85.4757, 106.6456



61.2856, 67.6659, 97.0204



17.7178, 17.7463, 22.7415



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.



59.1726, 53.1137, 94.3229



58.8849, 50.5687, 101.2649



68.9256, 58.1416, 94.7793



16.2333, 16.2629, 20.8260



11.9655, 5.1428, 46.9000



1.1657, 0.5108, 4.1274

Inverse Universe

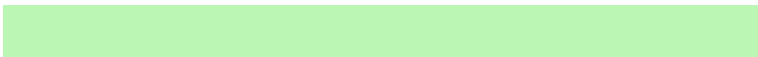
The Inverse Universe completely reimagines the original color for something new.



67.3178, 57.7572, 74.6201



69.3256, 56.5269, 75.7371



61.9141, 79.8771, 55.8730



16.9055, 16.6451, 19.2489



23.0372, 11.5583, 15.4362



2.0759, 1.0363, 1.6259

Previews

White Background



This preview shows how the XYZ color 59.1709, 53.1115, 94.3217 looks on a white background.

Color Contrast Check

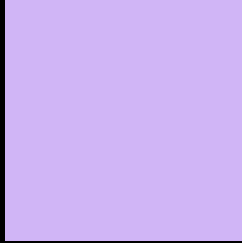
Large Text (above 18pt) WCAG AA × Fail

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 59.1709, 53.1115, 94.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

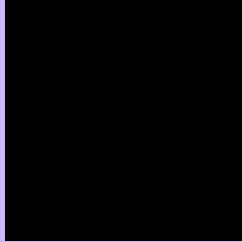
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1709, 53.1115, 94.3217

Background



This preview shows how black text looks on a background with the XYZ color 59.1709, 53.1115, 94.3217.

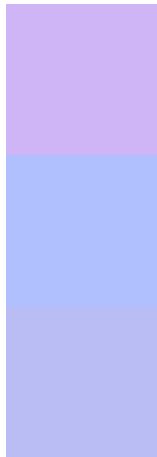


This preview shows how white text looks on a background with the XYZ color 59.1709, 53.1115,

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

59.1709, 53.1115, 94.3217

Protanopia

54.2649, 53.5836, 100.4111

Deuteranopia

54.5343, 53.2411, 92.9902



Tritanopia

53.1841, 53.1723, 64.5869

Trichromacy



Original Color

59.1709, 53.1115, 94.3217

Protanomaly

55.7647, 53.1341, 97.7593

Deuteranomaly

56.0327, 53.0478, 93.6722

Tritanomaly

55.2469, 53.0697, 74.3495

Monochromacy



Original Color

59.1709, 53.1115, 94.3217

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.5878, 54.3960, 71.2407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1709, 53.1115, 94.3217 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(208, 181, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 181, 246)  
}
```

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(208, 181, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 181, 246) }
```

Border

The CSS property to change the border of an element to XYZ 59.1709, 53.1115, 94.3217 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(208, 181, 246) }
```


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

```
.border{ border-color:rgb(208, 181, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 181, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 181, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 181, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 181,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1709, 53.1115, 94.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 181, 246) }
```

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

```
.background{ background-color: rgb(208,  
181, 246) }
```

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