

Converting Colors

XYZ(59.9583, 51.5816,
101.4038)

Have a look what the booklet for
XYZ(59.9583, 51.5816, 101.4038)
contains.

XYZ(59.9583, 51.5816, 101.4038)	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(59.9583, 51.5816,
101.4038)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AFFF
RGB	210, 175, 255
RGB Percent	82%, 69%, 100%
CMY	0.1765, 0.3137, 0.0000
CMYK	0.18, 0.31, 0.00, 0.00
HSL	266°, 100%, 84%
HSV	266°, 31%, 100%
XYZ	59.9583, 51.5816, 101.4038
YIQ	194.5850, -4.8200, 32.3000

Conversions

Conversions Part 2

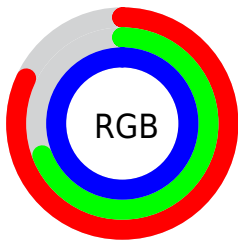
Format	Color
R _Y B	210, 175, 255
Decimal	13807615
CIE Lab	77.03, 27.83, -34.92
CIE LCh	77, 44.648, 308.555
Yxy	51.5816, 0.2816, 0.2422
Android (android.graphics.Color)	4291997695 (0xFFD2AFFF)
YUV	194.5850, 29.7846, 13.5190
Hunter-Lab	71.8203, 23.3329, -33.4379

Details

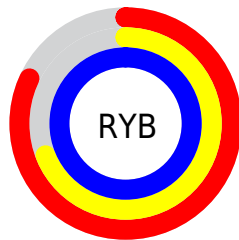
The XYZ color **59.9583, 51.5816, 101.4038** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.0141, 89.8313, 54.0506**, and the grayscale version is **51.4572, 54.1369, 58.9551**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **30.4790, 24.8663, 56.6193** is the 20% darker color. If you saturate the color by 10%, you get **51.5537, 40.5649, 99.7204**, and if you desaturate by 10%, it is **69.6692, 64.6652, 103.4174**.

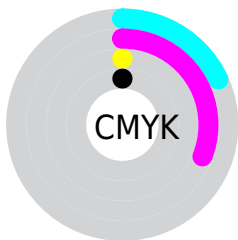
Distribution



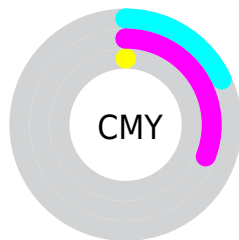
- Red (82%)
- Green (69%)
- Blue (100%)



- Red (82%)
- Yellow (69%)
- Blue (100%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9583, 51.5816, 101.4038 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 59.9583, 51.5816, 101.4038 by changing the saturation by 10% instead.

■ 59.9583, 51.5816,
101.4038

■ 59.9583, 51.5816,
101.4038

414.2813,
392.8192, 585.9691

■ 43.6344, 36.6717,
76.8500

■ 103.8759, 92.5139,
165.1537

■ 30.5798, 24.9534,
56.6190

132.2002,
119.3051, 205.1868

■ 20.4294, 16.0423,
40.2921

165.2554,
150.8254, 251.2169

■ 12.8176, 9.5541,
27.4508

203.4067,
187.4594, 303.6623

■ 7.3792, 5.1043,
17.6767

247.0196,
229.5914, 362.9417

■ 3.7488, 2.3086,
10.5511

296.4595,

■ 1.5610, 0.7783,

277.6057, 429.4737

5.6555

352.0916,
331.8869, 503.6766

■ 0.3668, 0.0000,
2.5714

■ 0.0000, 0.0000,
0.8776

■ 59.9583, 51.5816,
101.4038

■ 59.9583, 51.5816,
101.4038

■ 51.5537, 40.5649,
99.7204

■ 69.6692, 64.6652,
103.4174

■ 44.3882, 31.4983,
98.3480

■ 80.7396, 79.9119,
105.7768

■ 38.3953, 24.2624,
97.2672

■ 93.2252, 97.4189,
108.4980

■ 33.4995, 18.7218,
96.4558

■ 95.0500, 100.0000,
108.9000

■ 29.6151, 14.7211,
95.8883

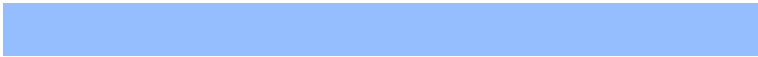
■ 26.6405, 12.0746,
95.5343

■ 24.6766, 10.6361,
95.3601

Harmonies

Analogous

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



51.5034, 51.5816, 116.4804



59.9583, 51.5816, 101.4038



65.9037, 51.5816, 75.1154

Triad

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



59.9583, 51.5816, 101.4038



55.2612, 51.5816, 22.8431



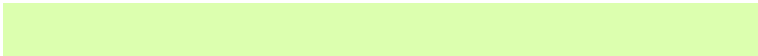
34.5502, 51.5816, 63.4333

Complementary

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



59.9583, 51.5816, 101.4038



73.0141, 89.8313, 54.0506

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.



35.3092, 51.5816, 40.7021



59.9583, 51.5816, 101.4038



46.6308, 51.5816, 21.3795

Square

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



59.9583, 51.5816, 101.4038



62.9808, 51.5816, 31.7101



39.5119, 51.5816, 26.8911



37.3029, 51.5816, 90.7599

Rectangle

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



59.9583, 51.5816, 101.4038



67.2878, 51.5816, 57.3548



39.5119, 51.5816, 26.8911



34.4102, 51.5816, 54.9890

Sweetspot

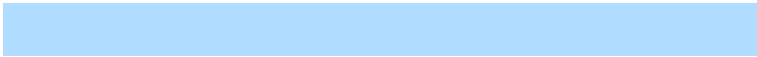
The Sweet Spot groups the original color and five complimentary colors.



59.9599, 51.5836, 101.4042



83.5698, 83.8547, 106.3887



61.4114, 67.6970, 104.4378



17.5136, 17.4272, 22.6907



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.



59.9599, 51.5836, 101.4042



54.2455, 44.0553, 100.2522



72.6859, 58.1442, 101.9997



17.7570, 17.7665, 22.7433



13.0584, 5.6423, 49.8354



1.3942, 0.6127, 4.8580

Inverse Universe

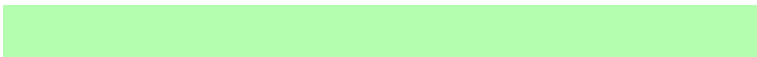
The Inverse Universe completely reimagines the original color for something new.



69.4893, 57.0890, 75.0682



65.4442, 50.5320, 68.9934



62.3993, 84.3592, 53.5538



18.4373, 18.1582, 20.9201



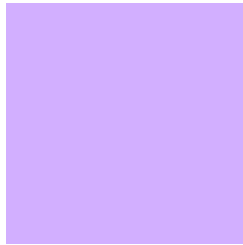
24.2332, 12.1826, 15.1441



2.4144, 1.2081, 1.7638

Previews

White Background



This preview shows how the XYZ color 59.9583, 51.5816, 101.4038 looks on a white background.

Color Contrast Check

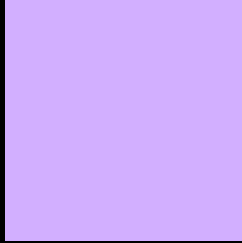
Large Text (above 18pt) WCAG AA × Fail

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 59.9583, 51.5816, 101.4038 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 59.9583, 51.5816, 101.4038

Background



This preview shows how black text looks on a background with the XYZ color 59.9583, 51.5816, 101.4038.



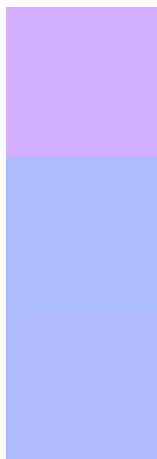
This preview shows how white text looks on a background with the XYZ color 59.9583, 51.5816,

101.4038.

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

59.9583, 51.5816, 101.4038

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.1791, 51.7465, 100.1137



Tritanopia

52.0716, 51.7054, 61.8793

Trichromacy



Original Color

59.9583, 51.5816, 101.4038

Protanomaly

54.9911, 51.4013, 101.6308

Deuteranomaly

55.5619, 51.7141, 100.8193

Tritanomaly

54.5481, 51.4606, 74.7680

Monochromacy



Original Color

59.9583, 51.5816, 101.4038

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.3270, 53.2556, 73.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9583, 51.5816, 101.4038 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(210, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 175, 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(210, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.9583, 51.5816, 101.4038 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(210, 175, 255) }
```


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

```
.border{ border-color:rgb(210, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 175, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 175, 255); box-shadow:4px 4px 4px 4px rgb(210, 175, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9583, 51.5816, 101.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 175, 255) }
```

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

```
.background{ background-color: rgb(210,  
175, 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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