

Converting Colors

XYZ(59.5673, 51.2146,
101.3536)

Have a look what the booklet for
XYZ(59.5673, 51.2146, 101.3536)
contains.

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Color

**XYZ(59.4805, 51.0474,
101.3259)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AEFF
RGB	209, 174, 255
RGB Percent	82%, 68%, 100%
CMY	0.1804, 0.3176, 0.0000
CMYK	0.18, 0.32, 0.00, 0.00
HSL	266°, 100%, 84%
HSV	266°, 32%, 100%
XYZ	59.4805, 51.0474, 101.3259
YIQ	193.6990, -5.1410, 32.6110

Conversions

Conversions Part 2

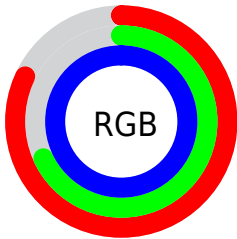
Format	Color
R_{YB}	209, 174, 255
Decimal	13741823
CIE Lab	76.71, 28.07, -35.42
CIE LCh	77, 45.197, 308.400
Yxy	51.0474, 0.2808, 0.2410
Android (android.graphics.Color)	4291931903 (0xFFD1AEFF)
YUV	193.6990, 30.2214, 13.4190
Hunter-Lab	71.4475, 23.5694, -34.0711

Details

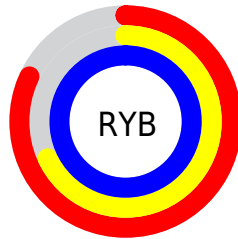
The XYZ color **59.4805, 51.0474, 101.3259** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **72.9162, 89.7921, 53.5351**, and the grayscale version is **50.9311, 53.5835, 58.3524**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **30.1673, 24.5243, 56.5697** is the 20% darker color. If you saturate the color by 10%, you get **51.1013, 40.0967, 99.6539**, and if you desaturate by 10%, it is **69.1704, 64.0643, 103.3277**.

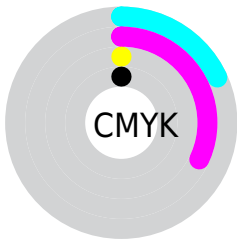
Distribution



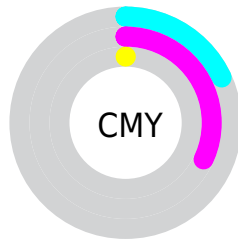
- Red (82%)
- Green (68%)
- Blue (100%)



- Red (82%)
- Yellow (68%)
- Blue (100%)



- Cyan (18%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4805, 51.0474, 101.3259 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 59.4805, 51.0474, 101.3259 by changing the saturation by 10% instead.

■ 59.4805, 51.0474,
101.3259

■ 59.4805, 51.0474,
101.3259

412.5457,
390.7479, 585.7183

■ 43.2479, 36.2463,
76.7853

■ 103.1863, 91.7248,
165.0458

■ 30.2750, 24.6245,
56.5661

131.3903,
118.3700, 205.0622

■ 20.1965, 15.7975,
40.2500

164.3154,
149.7320, 251.0742

■ 12.6471, 9.3810,
27.4182

202.3270,
186.1952, 303.5005

■ 7.2613, 4.9905,
17.6524

245.7905,
228.1439, 362.7595

■ 3.6738, 2.2417,
10.5338

295.0712,

■ 1.5193, 0.7426,

275.9627, 429.2697

5.6441

350.5345,
330.0359, 503.4498

■ 0.3389, 0.0000,
2.5647

■ 0.0000, 0.0000,
0.8741

■ 59.4805, 51.0474,
101.3259

■ 59.4805, 51.0474,
101.3259

■ 51.1013, 40.0967,
99.6539

■ 69.1704, 64.0643,
103.3277

■ 43.9651, 31.0950,
98.2925

■ 80.2246, 79.2439,
105.6750

■ 38.0048, 23.9222,
97.2221

■ 92.6994, 96.6840,
108.3838

■ 33.1443, 18.4419,
96.4205

■ 95.0500, 100.0000,
108.9000

■ 29.2971, 14.4978,
95.8620

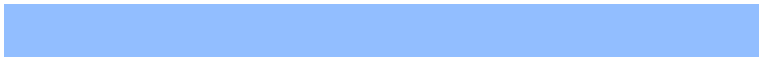
■ 26.3604, 11.9024,
95.5158

■ 24.5035, 10.5469,
95.3520

Harmonies

Analogous

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



50.9641, 51.0474, 116.4902



59.4805, 51.0474, 101.3259



65.4924, 51.0474, 74.8081

Triad

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



59.4805, 51.0474, 101.3259



54.8354, 51.0474, 22.2587



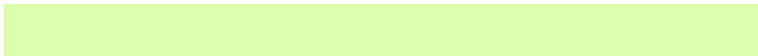
33.9867, 51.0474, 62.7583

Complementary

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



59.4805, 51.0474, 101.3259



72.9162, 89.7921, 53.5351

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.



34.7651, 51.0474, 39.9691



59.4805, 51.0474, 101.3259



46.1535, 51.0474, 20.7692

Square

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



59.4805, 51.0474, 101.3259



62.5986, 51.0474, 31.1377



38.9944, 51.0474, 26.2146



36.7267, 51.0474, 90.3141

Rectangle

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



59.4805, 51.0474, 101.3259



66.9067, 51.0474, 56.9087



38.9944, 51.0474, 26.2146



33.8526, 51.0474, 54.2760

Sweetspot

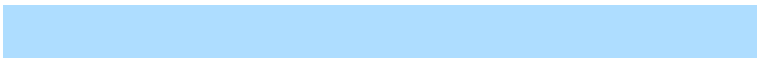
The Sweet Spot groups the original color and five complimentary colors.



59.4821, 51.0494, 101.3262



82.3193, 82.1519, 106.1259



61.4295, 68.0651, 104.5079



17.2616, 17.0865, 22.6382



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.



59.4821, 51.0494, 101.3262



54.1054, 43.9831, 100.2457



71.9871, 57.4960, 101.9114



17.7474, 17.7615, 22.7429



12.9670, 5.5952, 49.8311



1.3849, 0.6079, 4.8576

Inverse Universe

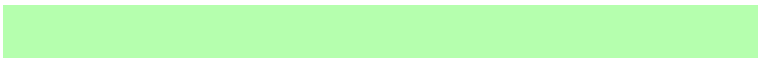
The Inverse Universe completely reimagines the original color for something new.



69.2954, 56.7012, 75.0036



65.5106, 50.5585, 69.3431



62.3988, 84.3702, 53.0429



18.4416, 18.1600, 20.9426



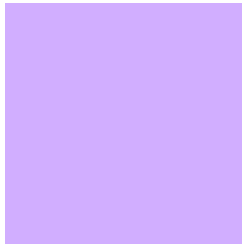
24.2882, 12.2046, 15.4341



2.4197, 1.2102, 1.7915

Previews

White Background



This preview shows how the XYZ color 59.4805, 51.0474, 101.3259 looks on a white background.

Color Contrast Check

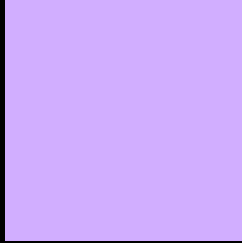
Large Text (above 18pt) WCAG AA × Fail

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 59.4805, 51.0474, 101.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

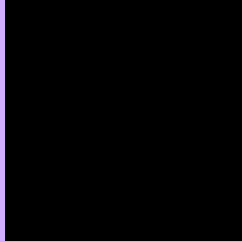
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4805, 51.0474, 101.3259

Background



This preview shows how black text looks on a background with the XYZ color 59.4805, 51.0474, 101.3259.



This preview shows how white text looks on a background with the XYZ color 59.4805, 51.0474,

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

59.4805, 51.0474, 101.3259

Protanopia

52.1825, 51.1957, 101.7392

Deuteranopia

52.5746, 51.4532, 99.2559



Tritanopia

51.4772, 51.1008, 61.1831

Trichromacy



Original Color

59.4805, 51.0474, 101.3259

Protanomaly

54.5451, 50.8662, 101.5511

Deuteranomaly

54.7073, 50.9868, 99.8866

Tritanomaly

53.9387, 50.8587, 73.9917

Monochromacy



Original Color

59.4805, 51.0474, 101.3259

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.7182, 52.6406, 72.2952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4805, 51.0474, 101.3259 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(209, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 174, 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(209, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 174, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.4805, 51.0474, 101.3259 is called "border". The border property can be set on classes, ids or directly on the HTML element.

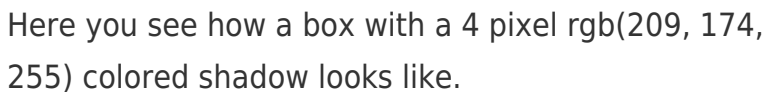
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 174, 255) }
```


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

```
.border{ border-color:rgb(209, 174, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 174, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 174, 255); box-shadow:4px 4px 4px 4px rgb(209, 174, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4805, 51.0474, 101.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 174, 255) }
```

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

```
.background{ background-color: rgb(209,  
174, 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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