

Converting Colors

XYZ(48.3647, 44.6119, 94.0575)

Have a look what the booklet for
XYZ(48.3647, 44.6119, 94.0575)
contains.

XYZ(48.3647, 44.6119, 94.0575)	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(48.3647, 44.6119,
94.0575)**

Conversions

Conversions Part 1

Format	Color
Hex	ACABF7
RGB	172, 171, 247
RGB Percent	67%, 67%, 97%
CMY	0.3255, 0.3294, 0.0314
CMYK	0.30, 0.31, 0.00, 0.03
HSL	241°, 83%, 82%
HSV	241°, 31%, 97%
XYZ	48.3647, 44.6119, 94.0575
YIQ	179.9630, -23.8000, 23.8480

Conversions

Conversions Part 2

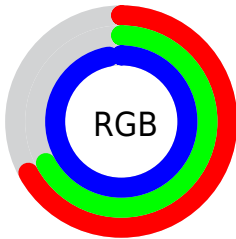
Format	Color
RYB	172, 171, 247
Decimal	11316215
CIELab	72.64, 17.13, -37.66
CIELCh	73, 41.369, 294.458
Yxy	44.6119, 0.2586, 0.2385
Android (android.graphics.Color)	4289506295 (0xFFACABF7)
YUV	179.9630, 33.0492, -6.9836
Hunter-Lab	66.7921, 12.3670, -36.7384

Details

The XYZ color **48.3647, 44.6119, 94.0575** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **78.6184, 89.0555, 51.5756**, and the grayscale version is **43.2014, 45.4512, 49.4963**.

A 20% lighter version of the original color is **77.5595, 78.2707, 105.6277**, and **23.2272, 20.6933, 51.4852** is the 20% darker color. If you saturate the color by 10%, you get **39.2600, 33.6282, 92.4181**, and if you desaturate by 10%, it is **59.3253, 57.8483, 96.0355**.

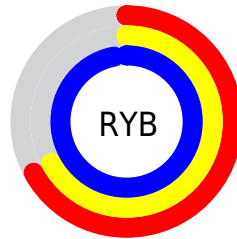
Distribution



Red (67%)

Green (67%)

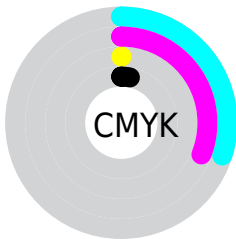
Blue (97%)



Red (67%)

Yellow (67%)

Blue (97%)

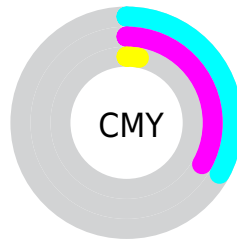


Cyan (30%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (33%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3647, 44.6119, 94.0575 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 48.3647, 44.6119, 94.0575 by changing the saturation by 10% instead.

■ 48.3647, 44.6119,
94.0575

■ 48.3647, 44.6119,
94.0575

370.7945,
365.1995, 562.0503

■ 34.3282, 31.1518,
70.7582

■ 86.9536, 82.1377,
154.9462

■ 23.3100, 20.7145,
51.6643

112.2367,
106.9723, 193.3727

■ 14.9445, 12.9155,
36.3572

141.9994,
136.3671, 237.6788

■ 8.8665, 7.3704,
24.4183

176.6071,
170.7066, 288.2828

■ 4.7106, 3.6948,
15.4291

216.4251,
210.3752, 345.6035

■ 2.1115, 1.5043,
8.9712

261.8187,

■ 0.6955, 0.2918,

255.7573, 410.0593

4.6258

313.1534,
307.2373, 482.0687

■ 0.0000, 0.0000,
1.9746

■ 0.0000, 0.0000,
0.5396

■ 48.3647, 44.6119,
94.0575

■ 48.3647, 44.6119,
94.0575

■ 39.2600, 33.6282,
92.4181

■ 59.3253, 57.8483,
96.0355

■ 31.9043, 24.7670,
91.0954

■ 72.2317, 73.4475,
98.3662

■ 26.1867, 17.8928,
90.0699

■ 87.1735, 91.5187,
101.0668

■ 21.9821, 12.8524,
89.3186

■ 93.7886, 99.4955,
102.2578

■ 19.1471, 9.4703,
88.8152

■ 17.5109, 7.5368,
88.5283

■ 16.8293, 6.7364,
88.4097

Harmonies

Analogous

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



41.0860, 44.6119, 99.3675



48.3647, 44.6119, 94.0575



54.6267, 44.6119, 75.3031

Triad

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



48.3647, 44.6119, 94.0575



50.9236, 44.6119, 23.0274



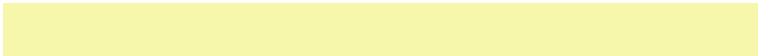
30.1171, 44.6119, 44.8641

Complementary

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



48.3647, 44.6119, 94.0575



78.6184, 89.0555, 51.5756

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.



32.1529, 44.6119, 29.0631



48.3647, 44.6119, 94.0575



43.7463, 44.6119, 18.9402

Square

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



48.3647, 44.6119, 94.0575



56.2167, 44.6119, 34.0042



36.9512, 44.6119, 20.7882



31.0595, 44.6119, 66.8065

Rectangle

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



48.3647, 44.6119, 94.0575



57.1053, 44.6119, 59.9295



36.9512, 44.6119, 20.7882



30.4681, 44.6119, 38.7533

Sweetspot

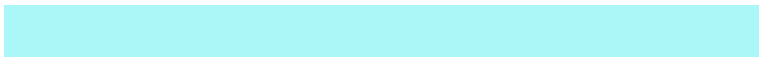
The Sweet Spot groups the original color and five complimentary colors.



48.3662, 44.6136, 94.0585



80.3138, 82.1762, 106.2363



66.8450, 81.8959, 100.2808



16.7169, 17.0165, 22.6534



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.



48.3662, 44.6136, 94.0585



45.6121, 40.2576, 99.9742



57.6473, 49.3982, 94.4929



15.6013, 15.9371, 20.7965



8.9096, 3.5674, 46.7570



0.7900, 0.3171, 4.1098

Inverse Universe

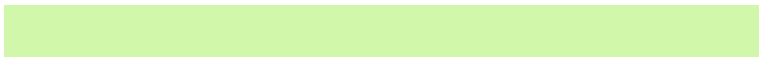
The Inverse Universe completely reimagines the original color for something new.



69.5563, 55.5553, 94.2466



71.7745, 53.7679, 100.1584



66.9072, 83.0181, 51.0275



17.2037, 16.7643, 20.8192



28.9065, 13.9060, 46.3434



2.5436, 1.2234, 4.0888

Previews

White Background



This preview shows how the XYZ color 48.3647, 44.6119, 94.0575 looks on a white background.

Color Contrast Check

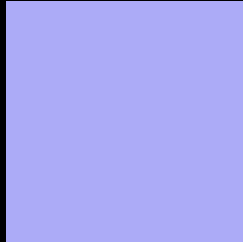
Large Text (above 18pt) WCAG AA × Fail

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 48.3647, 44.6119, 94.0575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

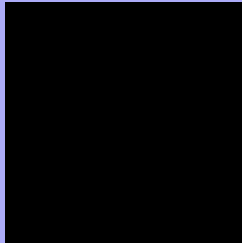
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3647, 44.6119, 94.0575

Background



This preview shows how black text looks on a background with the XYZ color 48.3647, 44.6119, 94.0575.



This preview shows how white text looks on a background with the XYZ color 48.3647, 44.6119,

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

48.3647, 44.6119, 94.0575

Protanopia

46.2601, 44.5935, 97.4360

Deuteranopia

45.8702, 44.7724, 93.4131



Tritanopia

41.0721, 44.5649, 58.0669

Trichromacy



Original Color

48.3647, 44.6119, 94.0575

Protanomaly

47.0893, 44.7513, 96.5985

Deuteranomaly

46.6709, 44.6073, 93.3390

Tritanomaly

43.3768, 44.2987, 69.8826

Monochromacy



Original Color

48.3647, 44.6119, 94.0575

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.7527, 45.1510, 63.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3647, 44.6119, 94.0575 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(172, 171, 247)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 247)  
}
```

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(172, 171, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 247) }
```

Border

The CSS property to change the border of an element to XYZ 48.3647, 44.6119, 94.0575 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(172, 171, 247) }
```


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

```
.border{ border-color:rgb(172, 171, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 247);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3647, 44.6119, 94.0575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 247) }
```

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

```
.background{ background-color: rgb(172,  
171, 247) }
```

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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