

Converting Colors

XYZ(46.0125, 41.0001, 58.2291)

Have a look what the booklet for
XYZ(46.0125, 41.0001, 58.2291)
contains.

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Color

**XYZ(46.0294, 40.9696,
58.3052)**

Conversions

Conversions Part 1

Format	Color
Hex	C79FC5
RGB	199, 159, 197
RGB Percent	78%, 62%, 77%
CMY	0.2196, 0.3765, 0.2274
CMYK	0.00, 0.20, 0.01, 0.22
HSL	303°, 26%, 70%
HSV	303°, 20%, 78%
XYZ	46.0294, 40.9696, 58.3052
YIQ	175.2920, 11.6420, 20.2980

Conversions

Conversions Part 2

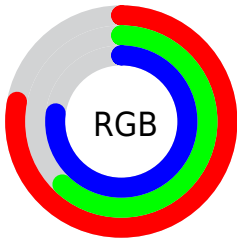
Format	Color
R_{YB}	199, 159, 197
Decimal	13082565
CIE _{Lab}	70.15, 21.29, -13.87
CIE _{LCh}	70, 25.409, 326.923
Yxy	40.9696, 0.3168, 0.2820
Android (android.graphics.Color)	4291272645 (0xFFC79FC5)
YUV	175.2920, 10.7020, 20.7919
Hunter-Lab	64.0075, 16.3507, -9.2027

Details

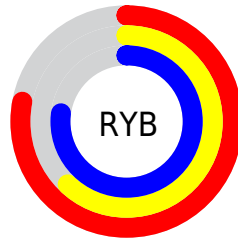
The XYZ color **46.0294, 40.9696, 58.3052** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.1562, 50.7923, 41.3553**, and the grayscale version is **40.8419, 42.9688, 46.7930**.

A 20% lighter version of the original color is **83.1760, 76.5089, 104.1498**, and **21.8927, 18.5183, 28.4071** is the 20% darker color. If you saturate the color by 10%, you get **42.7658, 34.6236, 56.6569**, and if you desaturate by 10%, it is **49.8472, 48.4213, 60.1429**.

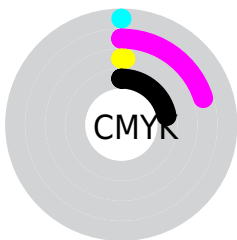
Distribution



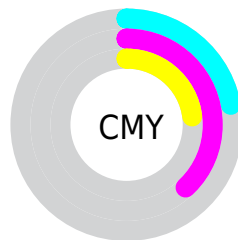
- Red (78%)
- Green (62%)
- Blue (77%)



- Red (78%)
- Yellow (62%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0294, 40.9696, 58.3052 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 46.0294, 40.9696, 58.3052 by changing the saturation by 10% instead.


 46.0294, 40.9696,
58.3052


 46.0294, 40.9696,
58.3052

361.6408,
350.1935, 435.9522

 32.4737, 28.2953,
41.6377


 83.4906, 76.6377,
103.8863

 21.8809, 18.5484,
28.4943


 108.1268,
100.4004, 133.6371

 13.8855, 11.3444,
18.4563


137.1873,
128.6280, 168.5860

 8.1223, 6.2990,
11.1053

171.0374,
161.7049, 209.1516

 4.2257, 3.0277,
6.0226

210.0424,
200.0155, 255.7525

 1.8306, 1.1462,
2.7898

254.5678,

 0.5360, 0.0171,

243.9442, 308.8072

0.9883

304.9788,
293.8754, 368.7343

■ 0.0000, 0.0000,
0.0000

■ 46.0294, 40.9696,
58.3052

■ 46.0294, 40.9696,
58.3052

■ 42.7658, 34.6236,
56.6569

■ 49.8472, 48.4213,
60.1429

■ 40.0262, 29.3252,
55.1866

■ 54.2399, 57.0225,
62.1754

■ 37.7836, 25.0194,
53.8855

■ 59.2320, 66.8210,
64.4115

■ 36.0066, 21.6439,
52.7434

■ 64.8451, 77.8605,
66.8583

■ 34.6607, 19.1291,
51.7487

■ 69.9716, 87.9255,
69.1467

■ 33.7062, 17.3962,
50.8881

■ 70.0899, 87.9728,
69.7694

■ 33.0965, 16.3514,
50.1462

■ 70.2089, 88.0204,
70.3961

■ 32.7441, 15.8185,
49.4989

■ 70.3286, 88.0683,
71.0268

■ 70.4492, 88.1166,
71.6616

Harmonies

Analogous

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



42.6728, 40.9696, 68.2907



46.0294, 40.9696, 58.3052



47.4797, 40.9696, 45.8492

Triad

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



46.0294, 40.9696, 58.3052



39.3711, 40.9696, 25.4324



32.2395, 40.9696, 55.7974

Complementary

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



46.0294, 40.9696, 58.3052



41.1562, 50.7923, 41.3553

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.



31.4917, 40.9696, 43.3912



46.0294, 40.9696, 58.3052



35.4322, 40.9696, 27.1530

Square

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



46.0294, 40.9696, 58.3052



43.4677, 40.9696, 28.0452



32.6193, 40.9696, 33.2454



34.7388, 40.9696, 66.6713

Rectangle

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



46.0294, 40.9696, 58.3052



47.0989, 40.9696, 38.2719



32.6193, 40.9696, 33.2454



31.7830, 40.9696, 51.6095

Sweetspot

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



46.0306, 40.9714, 58.3061



90.2389, 90.5745, 106.6897



37.4067, 36.4989, 59.1072



19.2077, 19.1769, 22.7862



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.



46.0306, 40.9714, 58.3061



78.0483, 66.7790, 100.8208



43.8886, 40.1146, 47.0263



11.0593, 10.8071, 13.2956



21.0648, 10.1755, 31.8806



1.0046, 0.4847, 1.5475

Inverse Universe

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



46.0306, 40.9714, 58.3061



78.0483, 66.7790, 100.8208



43.0635, 51.5552, 51.3990



11.0593, 10.8071, 13.2956



21.0648, 10.1755, 31.8806



1.0046, 0.4847, 1.5475

Previews

White Background



This preview shows how the XYZ color 46.0294, 40.9696, 58.3052 looks on a white background.

Color Contrast Check

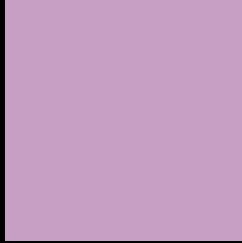
Large Text (above 18pt) WCAG AA × Fail

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 46.0294, 40.9696, 58.3052 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 46.0294, 40.9696, 58.3052

Background



This preview shows how black text looks on a background with the XYZ color 46.0294, 40.9696, 58.3052.



This preview shows how white text looks on a background with the XYZ color 46.0294, 40.9696,

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

46.0294, 40.9696, 58.3052

Protanopia

40.7909, 41.1084, 62.9115

Deuteranopia

41.8005, 40.9247, 57.3259



Tritanopia

43.6000, 41.0253, 46.1781

Trichromacy



Original Color

46.0294, 40.9696, 58.3052

Protanomaly

42.3103, 40.8366, 60.9106

Deuteranomaly

43.2468, 40.8507, 57.8302

Tritanomaly

44.4935, 41.1299, 50.3935

Monochromacy



Original Color

46.0294, 40.9696, 58.3052

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.5024, 41.9852, 50.6636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0294, 40.9696, 58.3052 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(199, 159, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 197)  
}
```

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(199, 159, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 197) }
```

Border

The CSS property to change the border of an element to XYZ 46.0294, 40.9696, 58.3052 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(199, 159, 197) }
```


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

```
.border{ border-color:rgb(199, 159, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0294, 40.9696, 58.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 197) }
```

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

```
.background{ background-color: rgb(199,  
159, 197) }
```

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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