

Converting Colors

XYZ(41.5693, 36.3596, 58.0714)

Have a look what the booklet for
XYZ(41.5693, 36.3596, 58.0714)
contains.

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Color

**XYZ(41.5929, 36.4547,
58.2704)**

Conversions

Conversions Part 1

Format	Color
Hex	BB96C6
RGB	187, 150, 198
RGB Percent	73%, 59%, 78%
CMY	0.2667, 0.4117, 0.2235
CMYK	0.06, 0.24, 0.00, 0.22
HSL	286°, 30%, 68%
HSV	286°, 24%, 78%
XYZ	41.5929, 36.4547, 58.2704
YIQ	166.5350, 6.6440, 22.7720

Conversions

Conversions Part 2

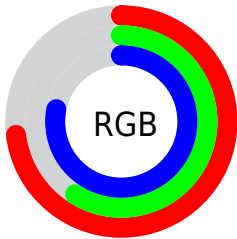
Format	Color
RYB	187, 150, 198
Decimal	12293830
CIELab	66.87, 22.42, -19.51
CIELCh	67, 29.719, 318.981
Yxy	36.4547, 0.3051, 0.2674
Android (android.graphics.Color)	4290483910 (0xFFBB96C6)
YUV	166.5350, 15.5122, 17.9478
Hunter-Lab	60.3777, 17.3037, -14.9562

Details

The XYZ color **41.5929, 36.4547, 58.2704** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.3983, 50.1682, 36.4101**, and the grayscale version is **36.4304, 38.3276, 41.7388**.

A 20% lighter version of the original color is **76.9511, 69.6388, 103.9936**, and **19.1687, 15.9238, 28.4489** is the 20% darker color. If you saturate the color by 10%, you get **37.6041, 30.0985, 57.2543**, and if you desaturate by 10%, it is **46.1529, 43.8998, 59.4677**.

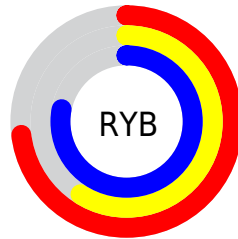
Distribution



Red (73%)

Green (59%)

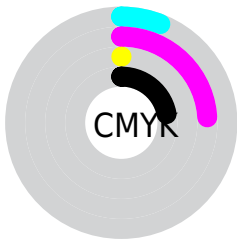
Blue (78%)



Red (73%)

Yellow (59%)

Blue (78%)

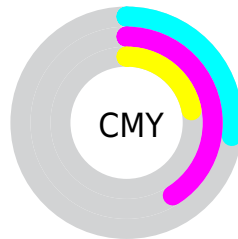


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (27%)


Magenta (41%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5929, 36.4547, 58.2704 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 41.5929, 36.4547, 58.2704 by changing the saturation by 10% instead.


 41.5929, 36.4547,
58.2704


 41.5929, 36.4547,
58.2704


343.8130,
330.9436, 435.8191

 28.9724, 24.7856,
41.6099


 76.8522, 69.7333,
103.8352

 19.2041, 15.9174,
28.4727


 100.2216, 92.1116,
133.5766

 11.9227, 9.4657,
18.4402

127.9047,
118.8284, 168.5154

 6.7629, 5.0462,
11.0938

160.2669,
150.2680, 209.0701

 3.3593, 2.2744,
6.0150

197.6734,
186.8150, 255.6593

 1.3465, 0.7601,
2.7852

240.4897,

 0.2176, 0.0000,

228.8537, 308.7015

0.9861

289.0811,
276.7684, 368.6153

■ 0.0000, 0.0000,
0.0000

■ 41.5929, 36.4547,
58.2704

■ 41.5929, 36.4547,
58.2704

■ 37.6041, 30.0985,
57.2543

■ 46.1529, 43.8998,
59.4677

■ 34.1559, 24.7727,
56.4081

■ 51.3059, 52.4791,
60.8520

■ 31.2201, 20.4205,
55.7227

■ 57.0768, 62.2410,
62.4321

■ 28.7642, 16.9774,
55.1876

■ 63.4879, 73.2299,
64.2153

■ 26.7517, 14.3711,
54.7906

■ 70.5603, 85.4876,
66.2085

■ 25.1409, 12.5184,
54.5179

■ 73.7511, 89.9276,
66.8973

■ 23.8808, 11.3181,
54.3526

■ 75.0959, 90.6209,
66.9603

■ 23.2593, 10.8131,
54.2879

■ 76.4779, 91.3333,
67.0250

■ 77.8974, 92.0651,
67.0914

Harmonies

Analogous

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



37.5390, 36.4547, 68.0259



41.5929, 36.4547, 58.2704



43.8509, 36.4547, 44.6183

Triad

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



41.5929, 36.4547, 58.2704



36.3287, 36.4547, 20.0060



27.0970, 36.4547, 48.3068

Complementary

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



41.5929, 36.4547, 58.2704



40.3983, 50.1682, 36.4101

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.



26.8340, 36.4547, 35.1441



41.5929, 36.4547, 58.2704



31.9115, 36.4547, 20.5750

Square

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



41.5929, 36.4547, 58.2704



40.6412, 36.4547, 23.7839



28.5246, 36.4547, 25.5544



29.2770, 36.4547, 61.4682

Rectangle

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



41.5929, 36.4547, 58.2704



43.9134, 36.4547, 35.9505



28.5246, 36.4547, 25.5544



26.7890, 36.4547, 43.6865

Sweetspot

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



41.5940, 36.4563, 58.2712



88.1286, 88.3677, 107.0195



35.5520, 36.1226, 58.5252



18.7409, 18.7102, 22.8736



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.



41.5940, 36.4563, 58.2712



69.8616, 58.4744, 102.2123



42.9743, 37.3312, 50.9514



10.8363, 10.6894, 13.4096



15.2034, 7.0719, 35.3081



0.7797, 0.3657, 1.6746

Inverse Universe

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



40.6293, 36.3933, 38.6031



67.9668, 58.4052, 61.1155



39.3660, 49.5103, 42.0396



10.7318, 10.6761, 11.5709



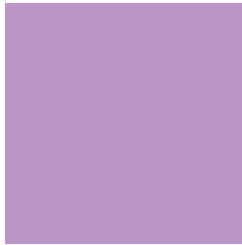
15.4855, 7.9438, 2.5006



0.7619, 0.3876, 0.2696

Previews

White Background



This preview shows how the XYZ color 41.5929, 36.4547, 58.2704 looks on a white background.

Color Contrast Check

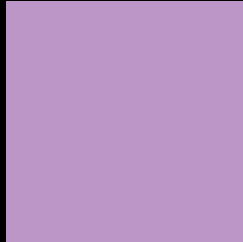
Large Text (above 18pt) WCAG AA × Fail

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 41.5929, 36.4547, 58.2704 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 41.5929, 36.4547, 58.2704

Background



This preview shows how black text looks on a background with the XYZ color 41.5929, 36.4547, 58.2704.



This preview shows how white text looks on a background with the XYZ color 41.5929, 36.4547,

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

41.5929, 36.4547, 58.2704

Protanopia

36.8343, 36.6214, 63.5198

Deuteranopia

37.2622, 36.4632, 57.2987



Tritanopia

38.4848, 36.6714, 42.0957

Trichromacy



Original Color

41.5929, 36.4547, 58.2704

Protanomaly

38.3535, 36.4251, 61.5092

Deuteranomaly

38.7611, 36.4661, 57.8190

Tritanomaly

39.4594, 36.5562, 47.6241

Monochromacy



Original Color

41.5929, 36.4547, 58.2704

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.2363, 37.7028, 47.3816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5929, 36.4547, 58.2704 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(187, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 150, 198)  
}
```

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(187, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 150, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.5929, 36.4547, 58.2704 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(187, 150, 198) }
```


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

```
.border{ border-color:rgb(187, 150, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(187, 150,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5929, 36.4547, 58.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 150, 198) }
```

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

```
.background{ background-color: rgb(187,  
150, 198) }
```

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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