

Converting Colors

XYZ(41.9774, 36.2061, 54.0609)

Have a look what the booklet for
XYZ(41.9774, 36.2061, 54.0609)
contains.

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Color

**XYZ(41.9862, 36.2789,
54.0798)**

Conversions

Conversions Part 1

Format	Color
Hex	C194BF
RGB	193, 148, 191
RGB Percent	76%, 58%, 75%
CMY	0.2431, 0.4196, 0.2510
CMYK	0.00, 0.23, 0.01, 0.24
HSL	303°, 27%, 67%
HSV	303°, 23%, 76%
XYZ	41.9862, 36.2789, 54.0798
YIQ	166.3570, 13.0170, 22.9130

Conversions

Conversions Part 2

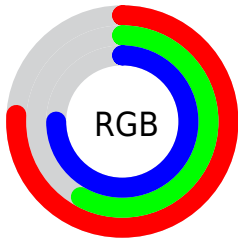
Format	Color
R _Y B	193, 148, 191
Decimal	12686527
CIE Lab	66.73, 24.19, -15.75
CIE LCh	67, 28.864, 326.940
Yxy	36.2789, 0.3172, 0.2741
Android (android.graphics.Color)	4290876607 (0xFFC194BF)
YUV	166.3570, 12.1490, 23.3659
Hunter-Lab	60.2320, 19.0219, -11.0717

Details

The XYZ color **41.9862, 36.2789, 54.0798** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.7892, 46.6389, 35.9195**, and the grayscale version is **36.3578, 38.2512, 41.6556**.

A 20% lighter version of the original color is **77.3334, 69.2805, 97.2922**, and **19.5096, 15.8733, 26.0803** is the 20% darker color. If you saturate the color by 10%, you get **39.1139, 30.6843, 52.6583**, and if you desaturate by 10%, it is **45.3660, 42.8863, 55.6741**.

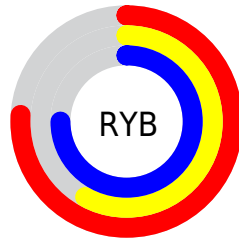
Distribution



Red (76%)

Green (58%)

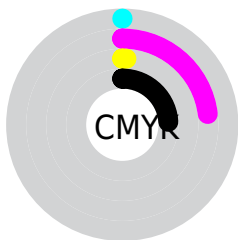
Blue (75%)



Red (76%)

Yellow (58%)

Blue (75%)

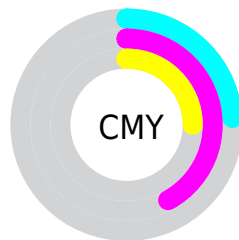


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9862, 36.2789, 54.0798 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 41.9862, 36.2789, 54.0798 by changing the saturation by 10% instead.

41.9862, 36.2789,
54.0798

41.9862, 36.2789,
54.0798

345.4183,
330.1779, 419.5975

29.2815, 24.6497,
38.2719

77.4440, 69.4623,
97.6490

19.4393, 15.8162,
25.8903

100.9279, 91.7853,
126.2473

12.0940, 9.3942,
16.5165

128.7356,
118.4417, 159.9462

6.8804, 4.9992,
9.7321

161.2324,
149.8158, 199.1641

3.4331, 2.2468,
5.1184

198.7838,
186.2921, 244.3197

1.3867, 0.7453,
2.2570

241.7550,

0.2467, 0.0000,

228.2550, 295.8314

0.7070

290.5114,
276.0888, 354.1178

■ 0.0000, 0.0000,
0.0000

■ 41.9862, 36.2789,
54.0798

■ 41.9862, 36.2789,
54.0798

■ 39.1139, 30.6843,
52.6583

■ 45.3660, 42.8863,
55.6741

■ 36.7208, 26.0479,
51.3988

■ 49.2733, 50.5484,
57.4465

■ 34.7808, 22.3168,
50.2930

■ 53.7310, 59.3104,
59.4051

■ 33.2641, 19.4315,
49.3311

■ 58.7596, 69.2135,
61.5567

■ 32.1373, 17.3250,
48.5019

■ 64.3788, 80.2967,
63.9080

■ 31.3619, 15.9206,
47.7925

■ 67.7334, 86.8499,
65.5072

■ 30.8917, 15.1256,
47.1875

■ 67.8314, 86.8891,
66.0236

■ 30.6886, 14.8160,
46.8216

■ 67.9301, 86.9286,
66.5429

■ 68.0292, 86.9683,
67.0652

Harmonies

Analogous

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



38.4163, 36.2789, 64.9670



41.9862, 36.2789, 54.0798



43.5370, 36.2789, 40.7954

Triad

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



41.9862, 36.2789, 54.0798



34.9309, 36.2789, 20.0688



27.5433, 36.2789, 51.3922

Complementary

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



41.9862, 36.2789, 54.0798



36.7892, 46.6389, 35.9195

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.



26.7786, 36.2789, 38.2354



41.9862, 36.2789, 54.0798



30.8260, 36.2789, 21.7487

Square

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



41.9862, 36.2789, 54.0798



39.2542, 36.2789, 22.6199



27.9299, 36.2789, 27.8112



30.1132, 36.2789, 63.1998

Rectangle

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



41.9862, 36.2789, 54.0798



43.1278, 36.2789, 32.9184



27.9299, 36.2789, 27.8112



27.0765, 36.2789, 46.9086

Sweetspot

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



41.9873, 36.2805, 54.0806



85.4778, 85.0953, 101.6425



32.7031, 31.4687, 54.8032



18.2458, 18.0753, 21.7641



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9873, 36.2805, 54.0806



72.4513, 59.6214, 95.5149



39.7450, 35.3835, 42.2725



10.4773, 10.2395, 12.6042



20.4194, 9.8575, 31.1841



0.8883, 0.4283, 1.3794

Inverse Universe

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



41.9873, 36.2805, 54.0806



72.4513, 59.6214, 95.5149



38.7305, 47.4154, 46.1419



10.4773, 10.2395, 12.6042



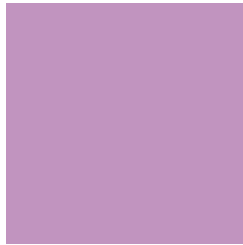
20.4194, 9.8575, 31.1841



0.8883, 0.4283, 1.3794

Previews

White Background



This preview shows how the XYZ color 41.9862, 36.2789, 54.0798 looks on a white background.

Color Contrast Check

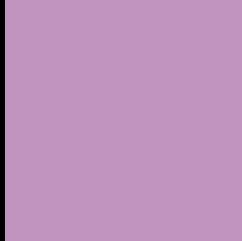
Large Text (above 18pt) WCAG AA × Fail

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 41.9862, 36.2789, 54.0798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

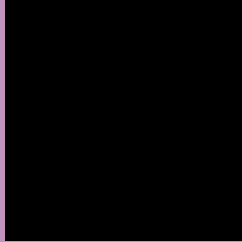
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9862, 36.2789, 54.0798

Background



This preview shows how black text looks on a background with the XYZ color 41.9862, 36.2789, 54.0798.



This preview shows how white text looks on a background with the XYZ color 41.9862, 36.2789,

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

41.9862, 36.2789, 54.0798

Protanopia

36.4966, 36.5299, 59.7710

Deuteranopia

37.3093, 36.5774, 53.2378



Tritanopia

39.1690, 36.3179, 40.5429

Trichromacy



Original Color

41.9862, 36.2789, 54.0798

Protanomaly

38.1150, 36.1330, 57.7888

Deuteranomaly

38.9201, 36.3905, 53.6880

Tritanomaly

39.9418, 36.1364, 44.9143

Monochromacy



Original Color

41.9862, 36.2789, 54.0798

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.0405, 37.1215, 45.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9862, 36.2789, 54.0798 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(193, 148, 191)` looks like.

```
.text, #text, p{  
    color:rgb(193, 148, 191)  
}
```

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(193, 148, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 148, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.9862, 36.2789, 54.0798 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(193, 148, 191) }
```


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

```
.border{ border-color:rgb(193, 148, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 148, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 148, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 148, 191);  
box-shadow:4px 4px 4px 4px rgb(193, 148,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9862, 36.2789, 54.0798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 148, 191) }
```

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

```
.background{ background-color: rgb(193,  
148, 191) }
```

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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