

Converting Colors

XYZ(44.7866, 42.5516, 56.5571)

Have a look what the booklet for
XYZ(44.7866, 42.5516, 56.5571)
contains.

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Color

**XYZ(44.6796, 42.4348,
56.2880)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BEA7C1 |
| RGB | 190, 167, 193 |
| RGB Percent | 75%, 65%, 76% |
| CMY | 0.2549, 0.3451, 0.2431 |
| CMYK | 0.02, 0.13, 0.00, 0.24 |
| HSL | 293°, 17%, 71% |
| HSV | 293°, 13%, 76% |
| XYZ | 44.6796, 42.4348, 56.2880 |
| YIQ | 176.8410, 5.3620, 12.9620 |

Conversions

Conversions Part 2

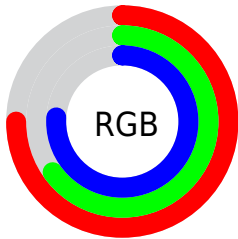
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 190, 167, 193 |
| Decimal | 12494785 |
| CIE Lab | 71.17, 13.04, -10.22 |
| CIE LCh | 71, 16.569, 321.905 |
| Yxy | 42.4348, 0.3116, 0.2959 |
| Android (android.graphics.Color) | 4290684865 (0xFFBEA7C1) |
| YUV | 176.8410, 7.9664, 11.5404 |
| Hunter-Lab | 65.1420, 8.4311, -5.6320 |

Details

The XYZ color **44.6796, 42.4348, 56.2880** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.6240, 49.4771, 43.8648**, and the grayscale version is **41.6651, 43.8350, 47.7363**.

A 20% lighter version of the original color is **81.2262, 78.6749, 100.5272**, and **21.1075, 19.4439, 27.0667** is the 20% darker color. If you saturate the color by 10%, you get **40.8529, 35.6002, 55.1711**, and if you desaturate by 10%, it is **49.0450, 50.3328, 57.5830**.

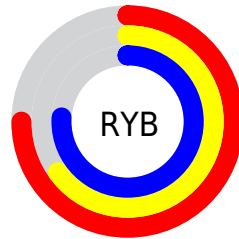
Distribution



Red (75%)

Green (65%)

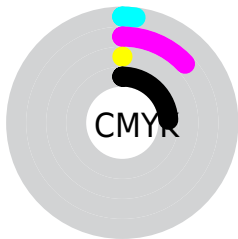
Blue (76%)



Red (75%)

Yellow (65%)

Blue (76%)

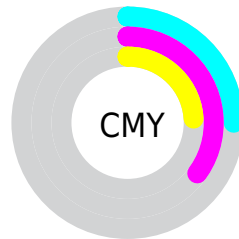


Cyan (2%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6796, 42.4348, 56.2880 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 44.6796, 42.4348, 56.2880 by changing the saturation by 10% instead.

■ 44.6796, 42.4348,
56.2880

■ 44.6796, 42.4348,
56.2880

356.2799,
356.2822, 428.1947

■ 31.4053, 29.4419,
40.0283

■ 81.4794, 78.8573,
100.9155

■ 21.0610, 19.4154,
27.2467

■ 105.7357,
103.0556, 130.1205

■ 13.2813, 11.9708,
17.5245

134.3834,
131.7579, 164.4776

■ 7.7009, 6.7238,
10.4433

167.7878,
165.3485, 204.4054

■ 3.9543, 3.2900,
5.5844

206.3143,
204.2118, 250.3225

■ 1.6763, 1.2849,
2.5294

250.3283,

■ 0.4414, 0.1295,

248.7323, 302.6474

0.8557

300.1950,
299.2943, 361.7986

■ 0.0000, 0.0000,
0.0000

■ 44.6796, 42.4348,
56.2880

■ 44.6796, 42.4348,
56.2880

■ 40.8529, 35.6002,
55.1711

■ 49.0450, 50.3328,
57.5830

■ 37.5378, 29.7768,
54.2218

■ 53.9672, 59.3324,
59.0607

■ 34.7104, 24.9164,
53.4327

■ 59.4680, 69.4766,
60.7288

■ 32.3435, 20.9647,
52.7947

■ 65.5671, 80.8046,
62.5939

■ 30.4073, 17.8618,
52.2978

■ 69.5097, 87.8067,
63.7376

■ 28.8681, 15.5407,
51.9309

■ 70.1133, 88.1178,
63.7658

■ 27.6875, 13.9244,
51.6811

■ 70.7256, 88.4335,
63.7945

■ 26.8189, 12.9199,
51.5330

■ 71.3467, 88.7536,
63.8236

■ 26.3621, 12.4782,
51.4719

■ 71.9765, 89.0783,
63.8530

Harmonies

Analogous

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



42.3565, 42.4348, 61.8818



44.6796, 42.4348, 56.2880



45.8496, 42.4348, 48.3896

Triad

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



44.6796, 42.4348, 56.2880



41.0890, 42.4348, 32.6665



35.5823, 42.4348, 52.1430

Complementary

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



44.6796, 42.4348, 56.2880



42.6240, 49.4771, 43.8648

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.



35.2777, 42.4348, 44.0858



44.6796, 42.4348, 56.2880



38.3750, 42.4348, 33.4271

Square

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



44.6796, 42.4348, 56.2880



43.7153, 42.4348, 35.1914



36.2779, 42.4348, 37.4031



37.1298, 42.4348, 59.3040

Rectangle

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



44.6796, 42.4348, 56.2880



45.7825, 42.4348, 43.1230



36.2779, 42.4348, 37.4031



35.3341, 42.4348, 49.4289

Sweetspot

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



44.6809, 42.4366, 56.2889



87.3481, 89.2527, 102.9840



39.9447, 40.8296, 56.2284



18.6053, 18.9045, 22.0536



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.



44.6809, 42.4366, 56.2889



78.0218, 72.4116, 100.2249



44.3631, 42.3970, 50.6645



10.3792, 10.1866, 12.7040



17.5771, 8.3217, 34.2365



0.7926, 0.3766, 1.4808

Inverse Universe

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



43.0682, 41.8790, 43.8456



74.6197, 71.2394, 73.7911



42.9402, 49.5295, 48.8761



10.1194, 10.0964, 10.7194



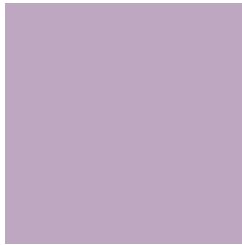
14.7411, 7.5862, 1.2829



0.6530, 0.3342, 0.1399

Previews

White Background



This preview shows how the XYZ color 44.6796, 42.4348, 56.2880 looks on a white background.

Color Contrast Check

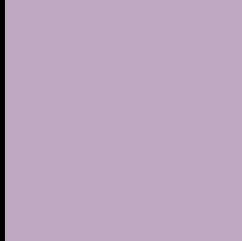
Large Text (above 18pt) WCAG AA × Fail

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 44.6796, 42.4348, 56.2880 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 44.6796, 42.4348, 56.2880

Background



This preview shows how black text looks on a background with the XYZ color 44.6796, 42.4348, 56.2880.



This preview shows how white text looks on a background with the XYZ color 44.6796, 42.4348,

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

44.6796, 42.4348, 56.2880

Protanopia

41.8162, 42.5763, 58.8374

Deuteranopia

43.4176, 42.6225, 55.8078



Tritanopia

43.3705, 42.4447, 50.1627

Trichromacy



Original Color

44.6796, 42.4348, 56.2880

Protanomaly

42.8868, 42.5763, 58.1822

Deuteranomaly

43.9521, 42.6208, 55.7793

Tritanomaly

43.8518, 42.3693, 52.3212

Monochromacy



Original Color

44.6796, 42.4348, 56.2880

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.7822, 43.2511, 50.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6796, 42.4348, 56.2880 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(190, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 193)  
}
```

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(190, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 193) }
```

Border

The CSS property to change the border of an element to XYZ 44.6796, 42.4348, 56.2880 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(190, 167, 193) }
```


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

```
.border{ border-color:rgb(190, 167, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6796, 42.4348, 56.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 193) }
```

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

```
.background{ background-color: rgb(190,  
167, 193) }
```

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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