

Converting Colors

XYZ(43.7979, 36.1282, 36.2466)

Have a look what the booklet for
XYZ(43.7979, 36.1282, 36.2466)
contains.

XYZ(43.8445, 36.0490, 36.0998)	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(43.8445, 36.0490,
36.0998)**

Conversions

Conversions Part 1

Format	Color
Hex	D88D9C
RGB	216, 141, 156
RGB Percent	85%, 55%, 61%
CMY	0.1529, 0.4470, 0.3882
CMYK	0.00, 0.35, 0.28, 0.15
HSL	348°, 49%, 70%
HSV	348°, 35%, 85%
XYZ	43.8445, 36.0490, 36.0998
YIQ	165.1350, 39.8850, 20.5650

Conversions

Conversions Part 2

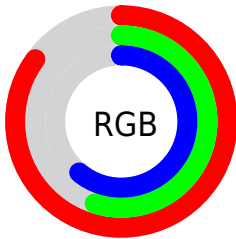
Format	Color
R _Y B	216, 141, 156
Decimal	14192028
CIE Lab	66.56, 30.48, 3.92
CIE LCh	67, 30.733, 7.321
Yxy	36.0490, 0.3780, 0.3108
Android (android.graphics.Color)	4292382108 (0xFFD88D9C)
YUV	165.1350, -4.5036, 44.6086
Hunter-Lab	60.0408, 25.2773, 6.3802

Details

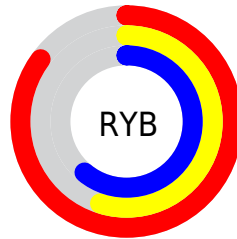
The XYZ color **43.8445, 36.0490, 36.0998** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0846, 58.9923, 64.2190**, and the grayscale version is **35.8374, 37.7037, 41.0593**.

A 20% lighter version of the original color is **72.3880, 64.9434, 69.6928**, and **20.5040, 15.7032, 15.3149** is the 20% darker color. If you saturate the color by 10%, you get **39.6039, 29.7453, 27.9730**, and if you desaturate by 10%, it is **48.9164, 43.6816, 45.5316**.

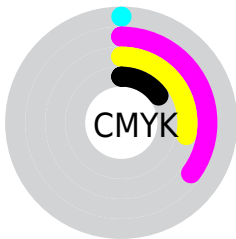
Distribution



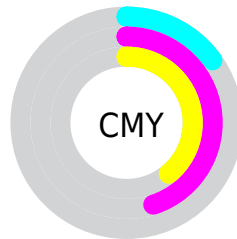
- Red (85%)
- Green (55%)
- Blue (61%)



- Red (85%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8445, 36.0490, 36.0998 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 43.8445, 36.0490, 36.0998 by changing the saturation by 10% instead.


 43.8445, 36.0490,
36.0998


 43.8445, 36.0490,
36.0998


352.9363,
329.1747, 344.4471


 30.7457, 24.4720,
24.2210

 80.2315, 69.1077,
70.3569

 20.5561, 15.6842,
15.2839


 104.2504, 91.3582,
93.5722

 12.9105, 9.3009,
8.8701


 132.6400,
117.9354, 121.4034

 7.4435, 4.9380,
4.5609

165.7657,
149.2236, 154.2691

 3.7898, 2.2109,
1.9378

203.9928,
185.6072, 192.5878

 1.5839, 0.7259,
0.5166

247.6867,

 0.3819, 0.0000,

227.4707, 236.7780

0.0000

297.2127,
275.1984, 287.2582

■ 0.0000, 0.0000,
0.0000

■ 43.8445, 36.0490,
36.0998

■ 43.8445, 36.0490,
36.0998

■ 39.6039, 29.7453,
27.9730

■ 48.9164, 43.6816,
45.5316

■ 36.1466, 24.6893,
21.0910

■ 54.8581, 52.7078,
56.3208

■ 33.4243, 20.7989,
15.3917

■ 61.7095, 63.1945,
68.5193

■ 31.3817, 17.9801,
10.8070

■ 69.5068, 75.2024,
82.1758

■ 29.9557, 16.1241,
7.2611

■ 78.2845, 88.7891,
97.3366

■ 29.0703, 15.0985,
4.6682

■ 82.1289, 93.3389,
108.2953

■ 28.7585, 14.7748,
3.6399

Harmonies

Analogous

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



43.1247, 36.0490, 49.8930



43.8445, 36.0490, 36.0998



41.8194, 36.0490, 25.7666

Triad

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



43.8445, 36.0490, 36.0998



29.1581, 36.0490, 22.3052



30.9533, 36.0490, 67.6938

Complementary

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



43.8445, 36.0490, 36.0998



46.0846, 58.9923, 64.2190

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.



27.6774, 36.0490, 56.7715



43.8445, 36.0490, 36.0998



26.7077, 36.0490, 30.2417

Square

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



43.8445, 36.0490, 36.0998



33.1447, 36.0490, 19.0487



26.1910, 36.0490, 42.5809



35.4072, 36.0490, 70.2546

Rectangle

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



43.8445, 36.0490, 36.0998



39.2838, 36.0490, 21.5047



26.1910, 36.0490, 42.5809



29.6902, 36.0490, 64.7762

Sweetspot

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



43.8455, 36.0507, 36.1005



84.3353, 83.5507, 89.9756



46.0081, 36.4270, 69.5720



17.7528, 17.4268, 18.7260



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.



43.8455, 36.0507, 36.1005



59.0053, 45.2849, 43.3222



46.3139, 42.8959, 31.0403



12.5238, 12.4610, 13.4324



17.0530, 8.7575, 2.3172



1.0585, 0.5402, 0.2974

Inverse Universe

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



43.8455, 36.0507, 36.1005



59.0053, 45.2849, 43.3222



42.5612, 48.9833, 72.1773



12.5238, 12.4610, 13.4324



17.0530, 8.7575, 2.3172



1.0585, 0.5402, 0.2974

Previews

White Background



This preview shows how the XYZ color 43.8445, 36.0490, 36.0998 looks on a white background.

Color Contrast Check

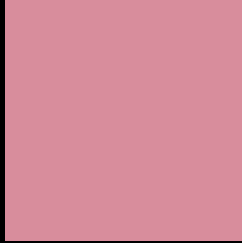
Large Text (above 18pt) WCAG AA × Fail

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 43.8445, 36.0490, 36.0998 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 43.8445, 36.0490, 36.0998

Background



This preview shows how black text looks on a background with the XYZ color 43.8445, 36.0490, 36.0998.



This preview shows how white text looks on a background with the XYZ color 43.8445, 36.0490,

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

43.8445, 36.0490, 36.0998

Protanopia

35.1226, 36.2094, 42.1837

Deuteranopia

36.8628, 36.2376, 35.1887



Tritanopia

43.6594, 36.2119, 34.3943

Trichromacy



Original Color

43.8445, 36.0490, 36.0998

Protanomaly

37.7849, 35.8588, 40.0519

Deuteranomaly

39.1475, 35.9356, 35.4448

Tritanomaly

43.7417, 36.2448, 34.8275

Monochromacy



Original Color

43.8445, 36.0490, 36.0998

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.1772, 36.5759, 39.2301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8445, 36.0490, 36.0998 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(216, 141, 156)` looks like.

```
.text, #text, p{  
    color:rgb(216, 141, 156)  
}
```

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(216, 141, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 141, 156) }
```

Border

The CSS property to change the border of an element to XYZ 43.8445, 36.0490, 36.0998 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(216, 141, 156) }
```


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

```
.border{ border-color:rgb(216, 141, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 141, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 141, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 141, 156);  
box-shadow:4px 4px 4px 4px rgb(216, 141,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8445, 36.0490, 36.0998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 141, 156) }
```

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

```
.background{ background-color: rgb(216,  
141, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor