

Converting Colors

XYZ(41.9152, 32.4883, 36.7269)

Have a look what the booklet for
XYZ(41.9152, 32.4883, 36.7269)
contains.

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Color

**XYZ(41.8398, 32.4999,
36.8688)**

Conversions

Conversions Part 1

Format	Color
Hex	D6819F
RGB	214, 129, 159
RGB Percent	84%, 51%, 62%
CMY	0.1608, 0.4941, 0.3765
CMYK	0.00, 0.40, 0.26, 0.16
HSL	339°, 51%, 67%
HSV	339°, 40%, 84%
XYZ	41.8398, 32.4999, 36.8688
YIQ	157.8350, 41.0300, 27.3500

Conversions

Conversions Part 2

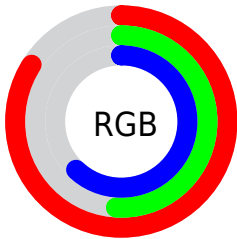
Format	Color
R _Y B	214, 129, 159
Decimal	14057887
CIE Lab	63.75, 36.59, -1.89
CIE LCh	64, 36.635, 357.038
Yxy	32.4999, 0.3762, 0.2922
Android (android.graphics.Color)	4292247967 (0xFFD6819F)
YUV	157.8350, 0.5743, 49.2567
Hunter-Lab	57.0087, 31.2395, 1.5619

Details

The XYZ color **41.8398, 32.4999, 36.8688** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.7530, 56.2217, 54.0015**, and the grayscale version is **32.4100, 34.0978, 37.1325**.

A 20% lighter version of the original color is **70.3111, 59.9820, 71.4902**, and **19.3358, 13.6996, 15.8125** is the 20% darker color. If you saturate the color by 10%, you get **38.1753, 26.9874, 30.0470**, and if you desaturate by 10%, it is **46.2310, 39.2499, 44.5978**.

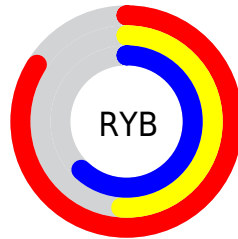
Distribution



Red (84%)

Green (51%)

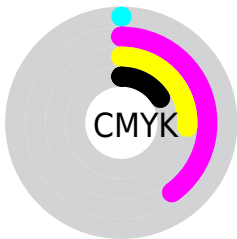
Blue (62%)



Red (84%)

Yellow (51%)

Blue (62%)

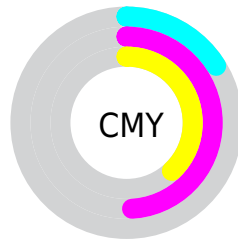


Cyan (0%)

Magenta (40%)

Yellow (26%)

Black (16%)



Cyan (16%)


Magenta (49%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8398, 32.4999, 36.8688 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 41.8398, 32.4999, 36.8688 by changing the saturation by 10% instead.


 41.8398, 32.4999,
36.8688


 41.8398, 32.4999,
36.8688


344.8214,
313.3902, 347.8937


 29.1664, 21.7436,
24.8109


 77.2238, 63.5940,
71.5550

 19.3517, 13.6686,
15.7185


 100.6651, 84.7005,
95.0205

 12.0302, 7.8906,
9.1730


 128.4265,
110.0260, 123.1255

 6.8366, 4.0250,
4.7558

160.8733,
139.9547, 156.2887

 3.4055, 1.6876,
2.0485

198.3708,
174.8711, 194.9286

 1.3717, 0.4156,
0.5849

241.2844,

 0.2359, 0.0000,

215.1595, 239.4637

0.0000

289.9795,
261.2044, 290.3125

■ 0.0000, 0.0000,
0.0000

■ 41.8398, 32.4999,
36.8688

■ 41.8398, 32.4999,
36.8688

■ 38.1753, 26.9874,
30.0470

■ 46.2310, 39.2499,
44.5978

■ 35.1933, 22.6316,
24.0948

■ 51.3844, 47.3023,
53.2655

■ 32.8486, 19.3496,
18.9745

■ 57.3362, 56.7228,
62.9044

■ 31.0892, 17.0451,
14.6444

■ 64.1196, 67.5717,
73.5444

■ 29.8540, 15.6043,
11.0582

■ 71.7657, 79.9053,
85.2144

■ 29.0397, 14.8299,
8.1537

■ 79.5318, 92.2322,
97.6844

■ 29.0195, 14.8113,
8.0800

■ 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



39.9393, 32.4999, 53.1143



41.8398, 32.4999, 36.8688



40.5482, 32.4999, 24.0240

Triad

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



41.8398, 32.4999, 36.8688



26.6148, 32.4999, 15.6997



25.8224, 32.4999, 64.8179

Complementary

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



41.8398, 32.4999, 36.8688



41.7530, 56.2217, 54.0015

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.



22.9022, 32.4999, 49.8640



41.8398, 32.4999, 36.8688



23.3228, 32.4999, 22.1209

Square

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



41.8398, 32.4999, 36.8688



31.4034, 32.4999, 13.9897



22.0399, 32.4999, 33.9452



30.3826, 32.4999, 71.8149

Rectangle

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



41.8398, 32.4999, 36.8688



38.1215, 32.4999, 18.4619



22.0399, 32.4999, 33.9452



24.6366, 32.4999, 60.3828

Sweetspot

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



41.8407, 32.5015, 36.8694



83.0274, 80.7962, 89.9672



39.4780, 30.6042, 67.4449



17.5147, 16.8868, 18.8439



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.



41.8407, 32.5015, 36.8694



57.3891, 41.0522, 45.8675



41.1221, 34.7365, 25.3084



12.6025, 12.4925, 13.8467



17.5853, 8.9705, 5.1204



1.0994, 0.5565, 0.5126

Inverse Universe

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



41.8407, 32.5015, 36.8694



57.3891, 41.0522, 45.8675



42.4693, 52.0777, 71.4321



12.6025, 12.4925, 13.8467



17.5853, 8.9705, 5.1204



1.0994, 0.5565, 0.5126

Previews

White Background



This preview shows how the XYZ color 41.8398, 32.4999, 36.8688 looks on a white background.

Color Contrast Check

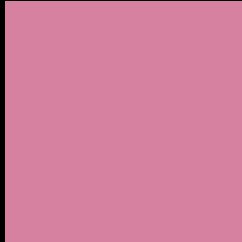
Large Text (above 18pt) WCAG AA × Fail

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 41.8398, 32.4999, 36.8688 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 41.8398, 32.4999, 36.8688

Background



This preview shows how black text looks on a background with the XYZ color 41.8398, 32.4999, 36.8688.



This preview shows how white text looks on a background with the XYZ color 41.8398, 32.4999,

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

41.8398, 32.4999, 36.8688

Protanopia

32.1445, 32.8426, 44.6895

Deuteranopia

33.1849, 32.6143, 35.5565



Tritanopia

40.2851, 32.4526, 29.7319

Trichromacy



Original Color

41.8398, 32.4999, 36.8688

Protanomaly

34.9660, 32.2293, 41.9141

Deuteranomaly

35.6813, 32.0606, 35.7602

Tritanomaly

40.9022, 32.5169, 32.1376

Monochromacy



Original Color

41.8398, 32.4999, 36.8688

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.9654, 32.8010, 36.8361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8398, 32.4999, 36.8688 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(214, 129, 159)` looks like.

```
.text, #text, p{  
    color:rgb(214, 129, 159)  
}
```

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(214, 129, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 129, 159) }
```

Border

The CSS property to change the border of an element to XYZ 41.8398, 32.4999, 36.8688 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(214, 129, 159) }
```


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

```
.border{ border-color:rgb(214, 129, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 129, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 129, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 129, 159);  
box-shadow:4px 4px 4px 4px rgb(214, 129,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8398, 32.4999, 36.8688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 129, 159) }
```

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

```
.background{ background-color: rgb(214,  
129, 159) }
```

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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