

Converting Colors

XYZ(48.0292, 34.5882, 43.6799)

Have a look what the booklet for
XYZ(48.0292, 34.5882, 43.6799)
contains.

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Color

**XYZ(48.0292, 34.5882,
43.6799)**

Conversions

Conversions Part 1

Format	Color
Hex	E87CAD
RGB	232, 124, 173
RGB Percent	91%, 49%, 68%
CMY	0.0902, 0.5137, 0.3216
CMYK	0.00, 0.47, 0.25, 0.09
HSL	333°, 70%, 70%
HSV	333°, 47%, 91%
XYZ	48.0292, 34.5882, 43.6799
YIQ	161.8780, 48.6390, 38.1350

Conversions

Conversions Part 2

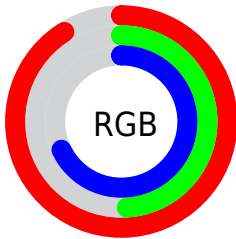
Format	Color
RYB	232, 124, 173
Decimal	15236269
CIELab	65.43, 47.28, -7.11
CIELCh	65, 47.808, 351.444
Yxy	34.5882, 0.3803, 0.2739
Android (android.graphics.Color)	4293426349 (0xFFE87CAD)
YUV	161.8780, 5.4831, 61.4970
Hunter-Lab	58.8117, 42.8533, -2.8669

Details

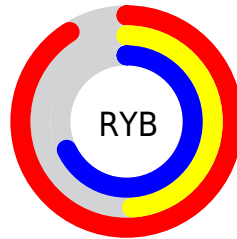
The XYZ color **48.0292, 34.5882, 43.6799** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.7177, 65.4182, 55.0204**, and the grayscale version is **34.2458, 36.0292, 39.2358**.

A 20% lighter version of the original color is **71.3637, 59.1016, 81.0453**, and **23.1600, 14.8856, 19.7417** is the 20% darker color. If you saturate the color by 10%, you get **44.2875, 28.9751, 36.6660**, and if you desaturate by 10%, it is **52.5731, 41.6189, 51.5360**.

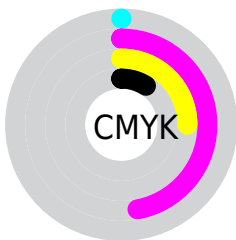
Distribution



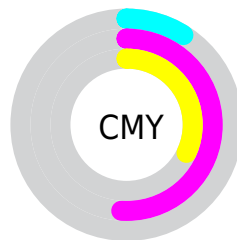
- Red (91%)
- Green (49%)
- Blue (68%)



- Red (91%)
- Yellow (49%)
- Blue (68%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0292, 34.5882, 43.6799 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 48.0292, 34.5882, 43.6799 by changing the saturation by 10% instead.


 48.0292, 34.5882,
43.6799

 48.0292, 34.5882,
43.6799


369.4885,
322.7469, 377.4035


 34.0614, 23.3458,
30.0836


 86.4573, 66.8473,
82.0332

 23.1039, 14.8491,
19.6495

 111.6483, 88.6329,
107.6272

 14.7913, 8.7135,
11.9589


 141.3110,
114.7016, 138.0576

 8.7584, 4.5548,
6.5935

175.8109,
145.4379, 173.7429

 4.6398, 1.9885,
3.1347

215.5132,
181.2262, 215.1016

 2.0701, 0.6008,
1.1638

260.7833,

 0.6729, 0.0000,

222.4509, 262.5522

0.0000

311.9867,
269.4963, 316.5133

■ 0.0000, 0.0000,
0.0000

■ 48.0292, 34.5882,
43.6799

■ 48.0292, 34.5882,
43.6799

■ 44.2875, 28.9751,
36.6660

■ 52.5731, 41.6189,
51.5360

■ 41.2931, 24.6759,
30.4590

■ 57.9634, 50.1513,
60.2632

■ 38.9885, 21.5808,
25.0236


■ 64.2441, 60.2688,
69.8914


■ 37.3059, 19.5593,
20.3196


■ 71.4557, 72.0473,
80.4480

■ 36.1600, 18.4474,
16.3005

■ 79.6356, 85.5577,
91.9594

 35.8417, 18.1810,
15.0532

 86.1454, 95.5185,
103.5592

 87.0889, 95.8959,
108.5274

Harmonies

Analogous

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



44.5391, 34.5882, 67.0908



48.0292, 34.5882, 43.6799



47.0314, 34.5882, 25.2736

Triad

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



48.0292, 34.5882, 43.6799



28.2043, 34.5882, 12.0013



25.1926, 34.5882, 76.4700

Complementary

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



48.0292, 34.5882, 43.6799



45.7177, 65.4182, 55.0204

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.



21.8893, 34.5882, 53.5498



48.0292, 34.5882, 43.6799



23.4490, 34.5882, 18.4101

Square

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



48.0292, 34.5882, 43.6799



34.9146, 34.5882, 10.9885



21.2996, 34.5882, 32.2215



30.9165, 34.5882, 89.9559

Rectangle

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



48.0292, 34.5882, 43.6799



44.0085, 34.5882, 17.5039



21.2996, 34.5882, 32.2215



23.7981, 34.5882, 69.2967

Sweetspot

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



48.0302, 34.5899, 43.6806



81.7171, 78.1066, 89.7428



40.9718, 30.1399, 80.0025



17.0956, 16.0756, 18.6209



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.



48.0302, 34.5899, 43.6806



54.9906, 36.0663, 45.6503



44.5852, 33.9470, 23.2733



14.6475, 14.4762, 16.3441



19.9595, 10.1180, 8.6819



1.5213, 0.7662, 0.8856

Inverse Universe

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



48.0302, 34.5899, 43.6806



54.9906, 36.0663, 45.6503



50.7324, 65.8193, 86.3748



14.6475, 14.4762, 16.3441



19.9595, 10.1180, 8.6819



1.5213, 0.7662, 0.8856

Previews

White Background



This preview shows how the XYZ color 48.0292, 34.5882, 43.6799 looks on a white background.

Color Contrast Check

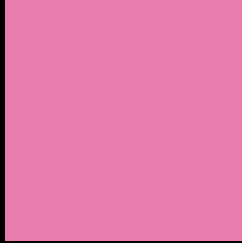
Large Text (above 18pt) WCAG AA × Fail

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 48.0292, 34.5882, 43.6799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

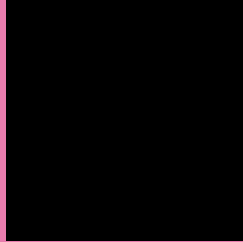
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0292, 34.5882, 43.6799

Background



This preview shows how black text looks on a background with the XYZ color 48.0292, 34.5882, 43.6799.



This preview shows how white text looks on a background with the XYZ color 48.0292, 34.5882,

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

48.0292, 34.5882, 43.6799

Protanopia

34.8397, 34.9732, 56.5440

Deuteranopia

35.5838, 34.9278, 41.9121



Tritanopia

45.0294, 34.5167, 29.1000

Trichromacy



Original Color

48.0292, 34.5882, 43.6799

Protanomaly

38.0709, 33.8489, 51.5406

Deuteranomaly

39.2213, 34.1863, 42.5616

Tritanomaly

46.0198, 34.5283, 33.9449

Monochromacy



Original Color

48.0292, 34.5882, 43.6799

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.9664, 34.4978, 40.7341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0292, 34.5882, 43.6799 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(232, 124, 173)` looks like.

```
.text, #text, p{  
    color:rgb(232, 124, 173)  
}
```

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(232, 124, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 124, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.0292, 34.5882, 43.6799 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(232, 124, 173) }
```


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

```
.border{ border-color:rgb(232, 124, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 124, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 124, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 124, 173);  
box-shadow:4px 4px 4px 4px rgb(232, 124,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0292, 34.5882, 43.6799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 124, 173) }
```

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

```
.background{ background-color: rgb(232,  
124, 173) }
```

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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