

Converting Colors

XYZ(50.6816, 35.5984, 43.2297)

Have a look what the booklet for
XYZ(50.6816, 35.5984, 43.2297)
contains.

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Color

**XYZ(50.6816, 35.5984,
43.2297)**

Conversions

Conversions Part 1

Format	Color
Hex	F17AAC
RGB	241, 122, 172
RGB Percent	95%, 48%, 67%
CMY	0.0549, 0.5215, 0.3255
CMYK	0.00, 0.49, 0.29, 0.05
HSL	335°, 81%, 71%
HSV	335°, 49%, 95%
XYZ	50.6816, 35.5984, 43.2297
YIQ	163.2810, 54.8740, 40.7780

Conversions

Conversions Part 2

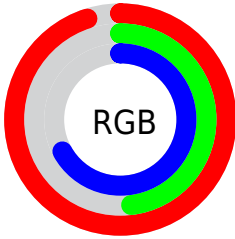
Format	Color
RYB	241, 122, 172
Decimal	15825580
CIELab	66.21, 51.09, -5.25
CIElCh	66, 51.360, 354.132
Yxy	35.5984, 0.3913, 0.2749
Android (android.graphics.Color)	4294015660 (0xFFFF17AAC)
YUV	163.2810, 4.2985, 68.1596
Hunter-Lab	59.6644, 47.2132, -1.1934

Details

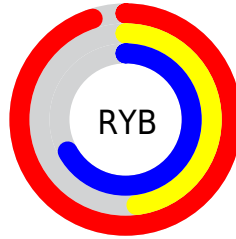
The XYZ color **50.6816, 35.5984, 43.2297** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **48.8871, 70.8108, 60.3851**, and the grayscale version is **34.9088, 36.7267, 39.9954**.

A 20% lighter version of the original color is **70.8273, 58.2503, 80.1835**, and **24.7487, 15.4354, 19.4442** is the 20% darker color. If you saturate the color by 10%, you get **46.8085, 29.8883, 35.6615**, and if you desaturate by 10%, it is **55.4315, 42.8357, 51.7872**.

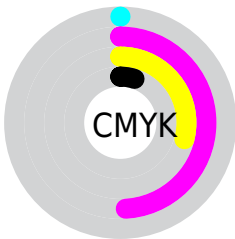
Distribution



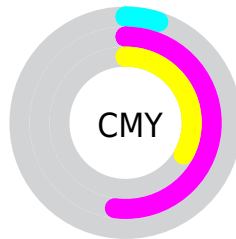
- Red (95%)
- Green (48%)
- Blue (67%)



- Red (95%)
- Yellow (48%)
- Blue (67%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (52%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6816, 35.5984, 43.2297 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 50.6816, 35.5984, 43.2297 by changing the saturation by 10% instead.


 50.6816, 35.5984,
43.2297


 50.6816, 35.5984,
43.2297


379.7335,
327.2018, 375.5045


 36.1753, 24.1242,
29.7326


 90.3697, 68.4118,
81.3474

 24.7403, 15.4258,
19.3854


 116.2823, 90.5197,
106.8052

 16.0114, 9.1187,
11.7695


 146.7276,
116.9410, 137.0870

 9.6231, 4.8187,
6.4663

182.0711,
148.0601, 172.6113

 5.2101, 2.1413,
3.0573

222.6781,
184.2613, 213.7966

 2.4071, 0.6877,
1.1240

268.9139,

 0.8487, 0.0000,

225.9290, 261.0616

0.0000

321.1439,
273.4478, 314.8247

■ 0.0000, 0.0000,
0.0000

■ 50.6816, 35.5984,
43.2297

■ 50.6816, 35.5984,
43.2297

■ 46.8085, 29.8883,
35.6615

■ 55.4315, 42.8357,
51.7872

■ 43.7497, 25.5878,
29.0393

■ 61.1088, 51.6957,
61.3705

■ 41.4383, 22.5708,
23.3187

■ 67.7639, 62.2724,
72.0162

■ 39.7949, 20.6857,
18.4495

■ 75.4425, 74.6508,
83.7584

■ 38.6967, 19.6954,
14.3656

■ 84.1871, 88.9106,
96.6296

■ 38.6372, 19.6454,
14.1328

■ 90.0858, 97.4408,
108.6677

Harmonies

Analogous

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



47.2125, 35.5984, 69.0598



50.6816, 35.5984, 43.2297



49.1157, 35.5984, 23.9603

Triad

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



50.6816, 35.5984, 43.2297



28.1697, 35.5984, 11.6224



25.9265, 35.5984, 83.9121

Complementary

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



50.6816, 35.5984, 43.2297



48.8871, 70.8108, 60.3851

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.



22.1066, 35.5984, 58.6648



50.6816, 35.5984, 43.2297



23.2585, 35.5984, 18.9437

Square

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



50.6816, 35.5984, 43.2297



35.3617, 35.5984, 10.1396



21.2089, 35.5984, 34.6107



32.3533, 35.5984, 97.5966

Rectangle

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



50.6816, 35.5984, 43.2297



45.5311, 35.5984, 16.2017



21.2089, 35.5984, 34.6107



24.3362, 35.5984, 76.1241

Sweetspot

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



50.6826, 35.6002, 43.2304



80.6708, 76.6299, 87.4955



43.9323, 31.1464, 86.9158



16.8811, 15.7815, 18.1334



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.



50.6826, 35.6002, 43.2304



53.2914, 34.0899, 40.7000



47.7637, 36.0554, 22.8565



16.0483, 15.8690, 17.8106



21.0159, 10.6788, 8.0003



1.7969, 0.9078, 0.9214

Inverse Universe

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



50.6826, 35.6002, 43.2304



53.2914, 34.0899, 40.7000



53.0623, 68.8050, 93.7035



16.0483, 15.8690, 17.8106



21.0159, 10.6788, 8.0003



1.7969, 0.9078, 0.9214

Previews

White Background



This preview shows how the XYZ color 50.6816, 35.5984, 43.2297 looks on a white background.

Color Contrast Check

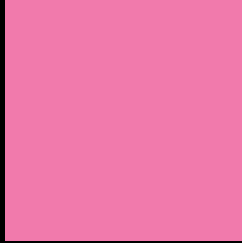
Large Text (above 18pt) WCAG AA × Fail

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 50.6816, 35.5984, 43.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

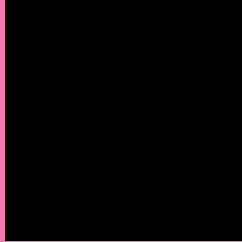
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6816, 35.5984, 43.2297

Background



This preview shows how black text looks on a background with the XYZ color 50.6816, 35.5984, 43.2297.



This preview shows how white text looks on a background with the XYZ color 50.6816, 35.5984,

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

50.6816, 35.5984, 43.2297

Protanopia

35.6715, 35.8994, 57.2737

Deuteranopia

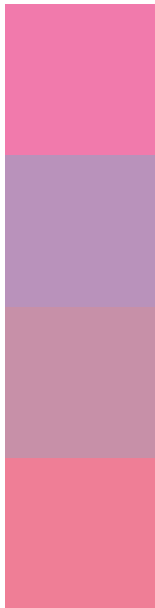
36.4506, 35.6441, 41.0352



Tritanopia

47.6976, 35.7126, 28.4240

Trichromacy



Original Color

50.6816, 35.5984, 43.2297

Protanomaly

39.2561, 34.4599, 51.5961

Deuteranomaly

40.5943, 34.9158, 41.6457

Tritanomaly

48.5625, 35.4744, 33.1419

Monochromacy



Original Color

50.6816, 35.5984, 43.2297

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.9587, 35.0093, 40.7805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6816, 35.5984, 43.2297 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(241, 122, 172)` looks like.

```
.text, #text, p{  
    color:rgb(241, 122, 172)  
}
```

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(241, 122, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 122, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.6816, 35.5984, 43.2297 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(241, 122, 172) }
```


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

```
.border{ border-color:rgb(241, 122, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 122, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 122, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 122, 172);  
box-shadow:4px 4px 4px 4px rgb(241, 122,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6816, 35.5984, 43.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 122, 172) }
```

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

```
.background{ background-color: rgb(241,  
122, 172) }
```

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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