

Converting Colors

XYZ(47.6878, 34.6356, 50.6263)

Have a look what the booklet for
XYZ(47.6878, 34.6356, 50.6263)
contains.

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Color

**XYZ(47.6878, 34.6356,
50.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	E27EBA
RGB	226, 126, 186
RGB Percent	89%, 49%, 73%
CMY	0.1137, 0.5059, 0.2706
CMYK	0.00, 0.44, 0.18, 0.11
HSL	324°, 63%, 69%
HSV	324°, 44%, 89%
XYZ	47.6878, 34.6356, 50.6263
YIQ	162.7400, 40.3400, 39.8600

Conversions

Conversions Part 2

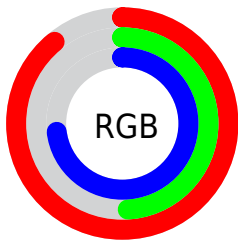
Format	Color
R _Y B	226, 126, 186
Decimal	14843578
CIE Lab	65.46, 46.17, -14.49
CIE LCh	65, 48.389, 342.579
Yxy	34.6356, 0.3587, 0.2605
Android (android.graphics.Color)	4293033658 (0xFFE27EBA)
YUV	162.7400, 11.4672, 55.4790
Hunter-Lab	58.8520, 41.6475, -9.8067

Details

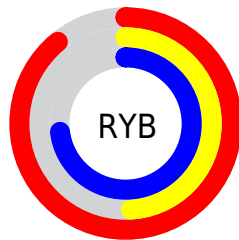
The XYZ color **47.6878, 34.6356, 50.6263** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.6850, 61.5825, 45.7160**, and the grayscale version is **34.6256, 36.4288, 39.6709**.

A 20% lighter version of the original color is **73.7909, 60.7186, 91.8351**, and **22.9784, 14.8936, 23.8540** is the 20% darker color. If you saturate the color by 10%, you get **44.1868, 29.1230, 44.8666**, and if you desaturate by 10%, it is **51.9044, 41.4812, 56.9252**.

Distribution



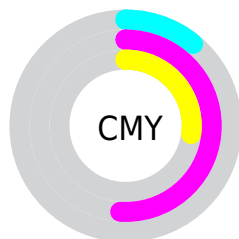
- Red (89%)
- Green (49%)
- Blue (73%)



- Red (89%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (44%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6878, 34.6356, 50.6263 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 47.6878, 34.6356, 50.6263 by changing the saturation by 10% instead.


 47.6878, 34.6356,
50.6263

 47.6878, 34.6356,
50.6263

368.1565,
322.9570, 405.9151


 33.7899, 23.3823,
35.5366


 85.9519, 66.9209,
92.5080

 22.8944, 14.8761,
23.7897


 111.0488, 88.7216,
120.1371

 14.6358, 8.7324,
14.9669


 140.6095,
114.8070, 152.7830

 8.6488, 4.5671,
8.6498

174.9993,
145.5614, 190.8644

 4.5681, 1.9956,
4.4198

214.5836,
181.3692, 234.7998

 2.0283, 0.6049,
1.8584

259.7276,

 0.6498, 0.0000,

222.6148, 285.0077

0.4660

310.7968,
269.6826, 341.9066

■ 0.0000, 0.0000,
0.0000

■ 47.6878, 34.6356,
50.6263

■ 47.6878, 34.6356,
50.6263

■ 44.1868, 29.1230,
44.8666

■ 51.9044, 41.4812,
56.9252

■ 41.3527, 24.8490,
39.6235

■ 56.8750, 49.7361,
63.7805

■ 39.1352, 21.7148,
34.8748


■ 62.6386, 59.4764,
71.2108


■ 37.4753, 19.6037,
30.5949

■ 69.2309, 70.7716,
79.2330


■ 36.3010, 18.3739,
26.7540

■ 76.6850, 83.6864,
87.8631

 35.7795, 17.9350,
24.7183

 82.8886, 93.9946,
96.4020

 84.2675, 94.5462,
103.6628

 85.1742, 94.9089,
108.4378

Harmonies

Analogous

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



43.0139, 34.6356, 74.3091



47.6878, 34.6356, 50.6263



48.0697, 34.6356, 29.8443

Triad

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



47.6878, 34.6356, 50.6263



30.0441, 34.6356, 11.0283



23.8812, 34.6356, 70.7099

Complementary

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



47.6878, 34.6356, 50.6263



42.6850, 61.5825, 45.7160

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.



21.3435, 34.6356, 46.8542



47.6878, 34.6356, 50.6263



24.5435, 34.6356, 15.6769

Square

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



47.6878, 34.6356, 50.6263



37.1650, 34.6356, 11.4080



21.5672, 34.6356, 27.2054



29.0114, 34.6356, 88.4658

Rectangle

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



47.6878, 34.6356, 50.6263



45.7715, 34.6356, 20.3770



21.5672, 34.6356, 27.2054



22.7321, 34.6356, 62.8346

Sweetspot

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



47.6888, 34.6372, 50.6270



83.3093, 79.8181, 94.8149



36.9158, 28.5216, 75.5115



17.4454, 16.4269, 19.8111



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.



47.6888, 34.6372, 50.6270



58.4737, 38.8710, 59.6407



43.2701, 32.8698, 27.3584



14.0508, 13.8379, 16.0375



20.4722, 10.2559, 14.4184



1.4629, 0.7284, 1.2304

Inverse Universe

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



47.6888, 34.6372, 50.6270



58.4737, 38.8710, 59.6407



48.1964, 63.7871, 74.7385



14.0508, 13.8379, 16.0375



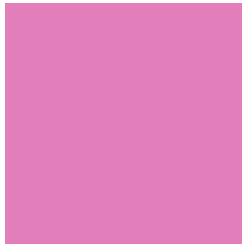
20.4722, 10.2559, 14.4184



1.4629, 0.7284, 1.2304

Previews

White Background



This preview shows how the XYZ color 47.6878, 34.6356, 50.6263 looks on a white background.

Color Contrast Check

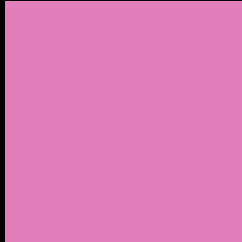
Large Text (above 18pt) WCAG AA × Fail

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 47.6878, 34.6356, 50.6263 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 47.6878, 34.6356, 50.6263

Background



This preview shows how black text looks on a background with the XYZ color 47.6878, 34.6356, 50.6263.



This preview shows how white text looks on a background with the XYZ color 47.6878, 34.6356,

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

47.6878, 34.6356, 50.6263

Protanopia

35.4661, 35.1188, 64.5838

Deuteranopia

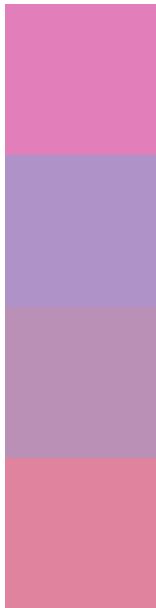
35.5789, 34.7782, 48.5537



Tritanopia

43.6833, 34.5934, 30.7604

Trichromacy



Original Color

47.6878, 34.6356, 50.6263

Protanomaly

38.3834, 33.8419, 59.1527

Deuteranomaly

39.0140, 33.9302, 49.2927

Tritanomaly

44.8057, 34.4238, 37.0838

Monochromacy



Original Color

47.6878, 34.6356, 50.6263

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.5067, 35.1921, 43.2913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6878, 34.6356, 50.6263 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(226, 126, 186)` looks like.

```
.text, #text, p{  
    color:rgb(226, 126, 186)  
}
```

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(226, 126, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 126, 186) }
```

Border

The CSS property to change the border of an element to XYZ 47.6878, 34.6356, 50.6263 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(226, 126, 186) }
```


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

```
.border{ border-color:rgb(226, 126, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 126, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 126, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 126, 186);  
box-shadow:4px 4px 4px 4px rgb(226, 126,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6878, 34.6356, 50.6263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 126, 186) }
```

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

```
.background{ background-color: rgb(226,  
126, 186) }
```

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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