

Converting Colors

XYZ(47.1222, 34.4570, 38.4769)

Have a look what the booklet for
XYZ(47.1222, 34.4570, 38.4769)
contains.

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Color

**XYZ(47.1339, 34.4317,
38.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	E87DA2
RGB	232, 125, 162
RGB Percent	91%, 49%, 64%
CMY	0.0902, 0.5098, 0.3647
CMYK	0.00, 0.46, 0.30, 0.09
HSL	339°, 70%, 70%
HSV	339°, 46%, 91%
XYZ	47.1339, 34.4317, 38.3442
YIQ	161.2110, 51.8950, 34.1910

Conversions

Conversions Part 2

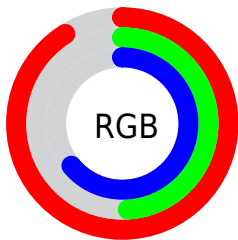
Format	Color
R_{YB}	232, 125, 162
Decimal	15236514
CIE _{Lab}	65.30, 45.32, -1.06
CIE _{LCh}	65, 45.328, 358.665
Yxy	34.4317, 0.3931, 0.2871
Android (android.graphics.Color)	4293426594 (0xFFE87DA2)
YUV	161.2110, 0.3890, 62.0820
Hunter-Lab	58.6785, 40.6938, 2.3312

Details

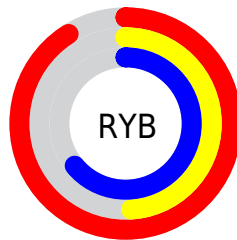
The XYZ color **47.1339, 34.4317, 38.3442** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.1660, 66.0141, 61.8893**, and the grayscale version is **33.9567, 35.7251, 38.9047**.

A 20% lighter version of the original color is **70.0856, 58.9123, 73.3229**, and **22.6422, 14.7811, 16.6986** is the 20% darker color. If you saturate the color by 10%, you get **43.2637, 28.7216, 30.7944**, and if you desaturate by 10%, it is **51.8548, 41.5820, 46.9818**.

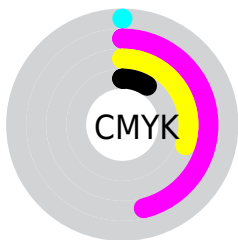
Distribution



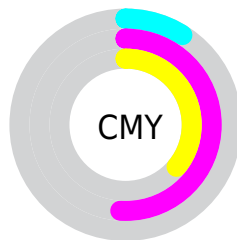
- Red (91%)
- Green (49%)
- Blue (64%)



- Red (91%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (46%)
- Yellow (30%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1339, 34.4317, 38.3442 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 47.1339, 34.4317, 38.3442 by changing the saturation by 10% instead.


 47.1339, 34.4317,
38.3442


 47.1339, 34.4317,
38.3442


365.9887,
322.0527, 354.4366

 33.3499, 23.2254,
25.9460


 85.1310, 66.6044,
73.8447

 22.5552, 14.7601,
16.5579

 110.0748, 88.3397,
97.7841

 14.3843, 8.6512,
9.7612


 139.4692,
114.3534, 126.4076

 8.4719, 4.5144,
5.1374

173.6797,
145.0300, 160.1338

 4.4527, 1.9652,
2.2679

213.0715,
180.7538, 199.3813

 1.9613, 0.5872,
0.7132

258.0101,

 0.6121, 0.0000,

221.9093, 244.5686

0.0000

308.8607,
268.8808, 296.1141

■ 0.0000, 0.0000,
0.0000

■ 47.1339, 34.4317,
38.3442

■ 47.1339, 34.4317,
38.3442

■ 43.2637, 28.7216,
30.7944

■ 51.8548, 41.5820,
46.9818

■ 40.1870, 24.3474,
24.2838

■ 57.4727, 50.2572,
56.7486

■ 37.8439, 21.1988,
18.7626


■ 64.0340, 60.5413,
67.6862

■ 36.1639, 19.1452,
14.1753


■ 71.5808, 72.5107,
79.8335

■ 35.0606, 18.0250,
10.4585

■ 80.1528, 86.2371,
93.2271

 34.7347, 17.7382,
9.2246

 86.7797, 95.7722,
106.8998

 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



44.8151, 34.4317, 59.7621



47.1339, 34.4317, 38.3442



45.1811, 34.4317, 22.6111

Triad

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



47.1339, 34.4317, 38.3442



27.0051, 34.4317, 13.7770



26.5566, 34.4317, 77.9230

Complementary

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



47.1339, 34.4317, 38.3442



47.1660, 66.0141, 61.8893

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.



22.8006, 34.4317, 57.7812



47.1339, 34.4317, 38.3442



23.0340, 34.4317, 21.5793

Square

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



47.1339, 34.4317, 38.3442



33.0231, 34.4317, 11.6190



21.6019, 34.4317, 36.6491



32.4313, 34.4317, 86.8685

Rectangle

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



47.1339, 34.4317, 38.3442



41.8502, 34.4317, 16.2765



21.6019, 34.4317, 36.6491



25.0353, 34.4317, 71.9642

Sweetspot

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



47.1349, 34.4334, 38.3449



81.1648, 77.8857, 86.8344



44.2901, 32.0377, 80.1935



16.9617, 16.0220, 17.9158



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.



47.1349, 34.4334, 38.3449



53.9749, 36.1176, 38.8912



46.5139, 37.7028, 24.2301



14.5817, 14.4499, 15.9975



19.3368, 9.8690, 5.4028



1.4714, 0.7463, 0.6232

Inverse Universe

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



47.1349, 34.4334, 38.3449



53.9749, 36.1176, 38.8912



47.5673, 59.2733, 85.2778



14.5817, 14.4499, 15.9975



19.3368, 9.8690, 5.4028



1.4714, 0.7463, 0.6232

Previews

White Background



This preview shows how the XYZ color 47.1339, 34.4317, 38.3442 looks on a white background.

Color Contrast Check

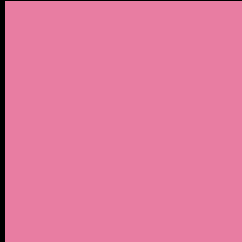
Large Text (above 18pt) WCAG AA × Fail

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 47.1339, 34.4317, 38.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

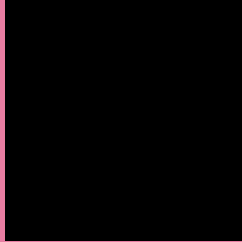
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1339, 34.4317, 38.3442

Background



This preview shows how black text looks on a background with the XYZ color 47.1339, 34.4317, 38.3442.



This preview shows how white text looks on a background with the XYZ color 47.1339, 34.4317,

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

47.1339, 34.4317, 38.3442

Protanopia

34.1879, 34.7997, 49.1711

Deuteranopia

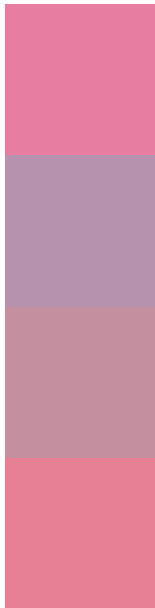
35.3206, 34.6595, 36.7266



Tritanopia

45.1436, 34.3876, 28.6842

Trichromacy



Original Color

47.1339, 34.4317, 38.3442

Protanomaly

37.5452, 33.7202, 45.0872

Deuteranomaly

38.8454, 33.8839, 37.2938

Tritanomaly

45.9406, 34.5339, 31.8481

Monochromacy



Original Color

47.1339, 34.4317, 38.3442

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.5164, 34.3178, 38.3649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1339, 34.4317, 38.3442 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, 125, 162)` looks like.

```
.text, #text, p{  
    color:rgb(232, 125, 162)  
}
```

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, 125, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 125, 162) }
```

Border

The CSS property to change the border of an element to XYZ 47.1339, 34.4317, 38.3442 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, 125, 162) }
```


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

```
.border{ border-color:rgb(232, 125, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 125, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 125, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 125, 162);  
box-shadow:4px 4px 4px 4px rgb(232, 125,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1339, 34.4317, 38.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 125, 162) }
```

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

```
.background{ background-color: rgb(232,  
125, 162) }
```

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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