

Converting Colors

XYZ(47.4084, 36.7460, 40.8516)

Have a look what the booklet for
XYZ(47.4084, 36.7460, 40.8516)
contains.

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Color

**XYZ(47.3656, 36.6924,
40.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	E388A6
RGB	227, 136, 166
RGB Percent	89%, 53%, 65%
CMY	0.1098, 0.4666, 0.3490
CMYK	0.00, 0.40, 0.27, 0.11
HSL	340°, 62%, 71%
HSV	340°, 40%, 89%
XYZ	47.3656, 36.6924, 40.6623
YIQ	166.6290, 44.6060, 28.6220

Conversions

Conversions Part 2

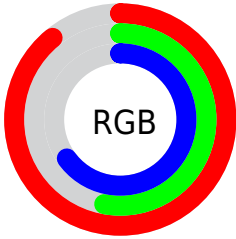
Format	Color
R_{YB}	227, 136, 166
Decimal	14911654
CIE _{Lab}	67.05, 38.46, -0.84
CIE _{LCh}	67, 38.464, 358.743
Yxy	36.6924, 0.3798, 0.2942
Android (android.graphics.Color)	4293101734 (0xFFE388A6)
YUV	166.6290, -0.3101, 52.9454
Hunter-Lab	60.5743, 33.5718, 2.6018

Details

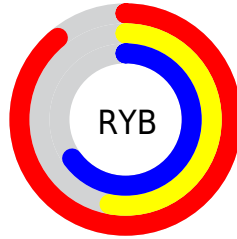
The XYZ color **47.3656, 36.6924, 40.6623** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.7021, 64.2044, 62.7051**, and the grayscale version is **36.5375, 38.4403, 41.8614**.

A 20% lighter version of the original color is **72.9219, 63.7421, 76.8667**, and **22.7852, 16.1016, 17.8266** is the 20% darker color. If you saturate the color by 10%, you get **43.1863, 30.4369, 32.7849**, and if you desaturate by 10%, it is **52.3892, 44.3714, 49.6369**.

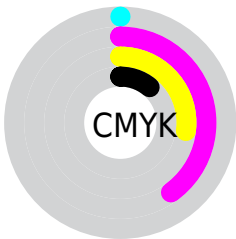
Distribution



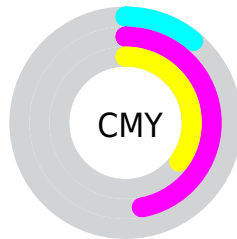
- Red (89%)
- Green (53%)
- Blue (65%)



- Red (89%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (11%)





- Cyan (11%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3656, 36.6924, 40.6623 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 47.3656, 36.6924, 40.6623 by changing the saturation by 10% instead.

 47.3656, 36.6924,
40.6623


 47.3656, 36.6924,
40.6623


366.8966,
331.9769, 364.5420


 33.5339, 24.9694,
27.7376


 85.4745, 70.0994,
77.4191

 22.6970, 16.0543,
17.8906

 110.4825, 92.5523,
102.0882

 14.4894, 9.5626,
10.7029


 139.9466,
119.3506, 131.5093

 8.5458, 5.1099,
5.7558

174.2322,
150.8786, 166.1008

 4.5008, 2.3119,
2.6308

213.7046,
187.5209, 206.2813

 1.9892, 0.7800,
0.9083

258.7292,

 0.6279, 0.0000,

229.6618, 252.4693

0.0000

309.6714,
277.6856, 305.0833

■ 0.0000, 0.0000,
0.0000

■ 47.3656, 36.6924,
40.6623

■ 47.3656, 36.6924,
40.6623

■ 43.1863, 30.4369,
32.7849

■ 52.3892, 44.3714,
49.6369

■ 39.7992, 25.5112,
25.9578

■ 58.2986, 53.5495,
59.7482

■ 37.1514, 21.8184,
20.1338

■ 65.1366, 64.3031,
71.0366

■ 35.1814, 19.2461,
15.2607

■ 72.9419, 76.7020,
83.5396

■ 33.8171, 17.6610,
11.2803

■ 81.7511, 90.8117,
97.2929

■ 32.9427, 16.8365,
8.1391

■ 85.4886, 95.0709,
108.4525

Harmonies

Analogous

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



45.3955, 36.6924, 59.0955



47.3656, 36.6924, 40.6623



45.6902, 36.6924, 26.3825

Triad

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



47.3656, 36.6924, 40.6623



29.7432, 36.6924, 17.8485



29.3607, 36.6924, 74.2807

Complementary

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



47.3656, 36.6924, 40.6623



47.7021, 64.2044, 62.7051

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.



25.9173, 36.6924, 57.5214



47.3656, 36.6924, 40.6623



26.1201, 36.6924, 25.4656

Square

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



47.3656, 36.6924, 40.6623



35.1222, 36.6924, 15.6332



24.7994, 36.6924, 39.2496



34.6290, 36.6924, 81.5613

Rectangle

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



47.3656, 36.6924, 40.6623



42.8265, 36.6924, 20.3060



24.7994, 36.6924, 39.2496



27.9742, 36.6924, 69.3741

Sweetspot

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



47.3666, 36.6942, 40.6630



82.9246, 80.7551, 89.4258



45.6095, 34.9818, 77.0214



17.4906, 16.8771, 18.7170



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.



47.3666, 36.6942, 40.6630



57.1106, 40.9408, 44.4007



47.2172, 40.2972, 28.5844



14.5719, 14.4460, 15.9461



19.2603, 9.8383, 4.9998



1.4649, 0.7437, 0.5889

Inverse Universe

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



47.3666, 36.6942, 40.6630



57.1106, 40.9408, 44.4007



47.5216, 57.7850, 81.3221



14.5719, 14.4460, 15.9461



19.2603, 9.8383, 4.9998



1.4649, 0.7437, 0.5889

Previews

White Background



This preview shows how the XYZ color 47.3656, 36.6924, 40.6623 looks on a white background.

Color Contrast Check

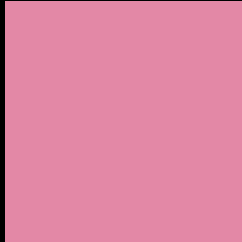
Large Text (above 18pt) WCAG AA × Fail

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 47.3656, 36.6924, 40.6623 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 47.3656, 36.6924, 40.6623

Background



This preview shows how black text looks on a background with the XYZ color 47.3656, 36.6924, 40.6623.



This preview shows how white text looks on a background with the XYZ color 47.3656, 36.6924,

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

47.3656, 36.6924, 40.6623

Protanopia

36.0618, 36.7951, 49.4575

Deuteranopia

37.5708, 36.7657, 39.2987



Tritanopia

45.7088, 36.6427, 33.0974

Trichromacy



Original Color

47.3656, 36.6924, 40.6623

Protanomaly

39.2353, 36.2313, 45.9997

Deuteranomaly

40.5432, 36.3274, 39.5254

Tritanomaly

46.3689, 36.7123, 35.6526

Monochromacy



Original Color

47.3656, 36.6924, 40.6623

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.8498, 37.3858, 41.6751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3656, 36.6924, 40.6623 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(227, 136, 166)` looks like.

```
.text, #text, p{  
    color:rgb(227, 136, 166)  
}
```

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(227, 136, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 136, 166) }
```

Border

The CSS property to change the border of an element to XYZ 47.3656, 36.6924, 40.6623 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(227, 136, 166) }
```


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

```
.border{ border-color:rgb(227, 136, 166) }
```

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

Here you see how a box with a 4 pixel rgb(227, 136, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 136, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 136, 166);  
box-shadow:4px 4px 4px 4px rgb(227, 136,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3656, 36.6924, 40.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 136, 166) }
```

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

```
.background{ background-color: rgb(227,  
136, 166) }
```

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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