

Converting Colors

XYZ(47.1442, 36.6404, 37.8452)

Have a look what the booklet for
XYZ(47.1442, 36.6404, 37.8452)
contains.

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Color

**XYZ(47.1442, 36.6404,
37.8452)**

Conversions

Conversions Part 1

Format	Color
Hex	E488A0
RGB	228, 136, 160
RGB Percent	89%, 53%, 63%
CMY	0.1059, 0.4666, 0.3725
CMYK	0.00, 0.40, 0.30, 0.11
HSL	344°, 63%, 71%
HSV	344°, 40%, 89%
XYZ	47.1442, 36.6404, 37.8452
YIQ	166.2440, 47.1280, 26.9680

Conversions

Conversions Part 2

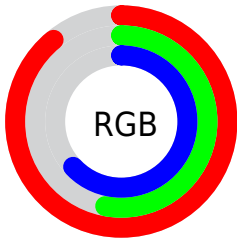
Format	Color
R _Y B	228, 136, 160
Decimal	14977184
CIE Lab	67.01, 38.01, 2.49
CIE LCh	67, 38.087, 3.755
Yxy	36.6404, 0.3876, 0.3012
Android (android.graphics.Color)	4293167264 (0xFFE488A0)
YUV	166.2440, -3.0783, 54.1600
Hunter-Lab	60.5313, 33.0931, 5.3028

Details

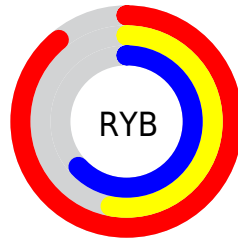
The XYZ color **47.1442, 36.6404, 37.8452** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.7975, 65.0815, 67.1203**, and the grayscale version is **36.3630, 38.2567, 41.6615**.

A 20% lighter version of the original color is **72.1365, 63.4279, 72.7308**, and **22.5082, 15.9908, 16.3682** is the 20% darker color. If you saturate the color by 10%, you get **42.8922, 30.3380, 29.6405**, and if you desaturate by 10%, it is **52.2810, 44.3922, 47.3317**.

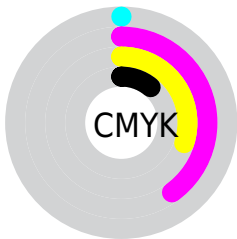
Distribution



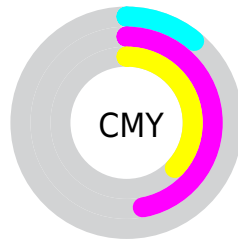
- Red (89%)
- Green (53%)
- Blue (63%)



- Red (89%)
- Yellow (53%)
- Blue (63%)



- Cyan (0%)
- Magenta (40%)
- Yellow (30%)
- Black (11%)





- Cyan (11%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1442, 36.6404, 37.8452 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 47.1442, 36.6404, 37.8452 by changing the saturation by 10% instead.

 47.1442, 36.6404,
37.8452


 47.1442, 36.6404,
37.8452


366.0291,
331.7510, 352.2337

 33.3581, 24.9292,
25.5617

 85.1463, 70.0194,
73.0716

 22.5615, 16.0243,
16.2732


 110.0929, 92.4559,
96.8515

 14.3889, 9.5414,
9.5612


 139.4905,
119.2364, 125.3007

 8.4752, 5.0959,
5.0072

173.7043,
150.7451, 158.8376

 4.4548, 2.3037,
2.1927

213.0997,
187.3666, 197.8808

 1.9625, 0.7756,
0.6702

258.0421,

 0.6128, 0.0000,

229.4851, 242.8489

0.0000

308.8968,
277.4851, 294.1603

■ 0.0000, 0.0000,
0.0000

■ 47.1442, 36.6404,
37.8452

■ 47.1442, 36.6404,
37.8452

■ 42.8922, 30.3380,
29.6405

■ 52.2810, 44.3922,
47.3317

■ 39.4704, 25.3890,
22.6587

■ 58.3471, 53.6708,
58.1509

■ 36.8225, 21.6944,
16.8396

■ 65.3873, 64.5543,
70.3533

■ 34.8835, 19.1390,
12.1162

■ 73.4427, 77.1140,
83.9862

■ 33.5773, 17.5862,
8.4141

■ 82.5521, 91.4170,
99.0945

■ 32.7966, 16.8146,
5.7187

■ 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



45.7837, 36.6404, 55.7031



47.1442, 36.6404, 37.8452



44.9151, 36.6404, 24.6848

Triad

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



47.1442, 36.6404, 37.8452



29.0041, 36.6404, 18.8402



30.1353, 36.6404, 75.8256

Complementary

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



47.1442, 36.6404, 37.8452



48.7975, 65.0815, 67.1203

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.



26.3729, 36.6404, 60.3399



47.1442, 36.6404, 37.8452



25.7724, 36.6404, 27.4025

Square

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



47.1442, 36.6404, 37.8452



34.1023, 36.6404, 15.8048



24.8648, 36.6404, 42.0179



35.5591, 36.6404, 80.8666

Rectangle

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



47.1442, 36.6404, 37.8452



41.8238, 36.6404, 19.3257



24.8648, 36.6404, 42.0179



28.6551, 36.6404, 71.4921

Sweetspot

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



47.1452, 36.6422, 37.8459



82.6230, 80.6345, 87.8375



47.5650, 35.9739, 77.8355



17.4200, 16.8489, 18.3450



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.



47.1452, 36.6422, 37.8459



56.3213, 40.6251, 40.2442



48.5762, 42.5456, 28.9468



14.5305, 14.4294, 15.7282



18.9793, 9.7259, 3.5198



1.4399, 0.7337, 0.4568

Inverse Universe

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



47.1452, 36.6422, 37.8459



56.3213, 40.6251, 40.2442



46.3583, 55.2368, 81.6172



14.5305, 14.4294, 15.7282



18.9793, 9.7259, 3.5198



1.4399, 0.7337, 0.4568

Previews

White Background



This preview shows how the XYZ color 47.1442, 36.6404, 37.8452 looks on a white background.

Color Contrast Check

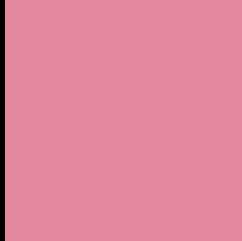
Large Text (above 18pt) WCAG AA × Fail

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 47.1442, 36.6404, 37.8452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

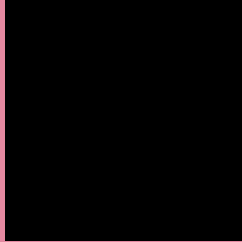
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1442, 36.6404, 37.8452

Background



This preview shows how black text looks on a background with the XYZ color 47.1442, 36.6404, 37.8452.



This preview shows how white text looks on a background with the XYZ color 47.1442, 36.6404,

37.8452.

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

47.1442, 36.6404, 37.8452

Protanopia

35.7625, 36.7223, 45.7607

Deuteranopia

37.5190, 36.7991, 36.5780



Tritanopia

46.1123, 36.6460, 32.6600

Trichromacy



Original Color

47.1442, 36.6404, 37.8452

Protanomaly

39.1404, 36.2495, 42.9641

Deuteranomaly

40.5453, 36.3891, 36.7851

Tritanomaly

46.2917, 36.4892, 34.3090

Monochromacy



Original Color

47.1442, 36.6404, 37.8452

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.4085, 36.9418, 40.1754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1442, 36.6404, 37.8452 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(228, 136, 160)` looks like.

```
.text, #text, p{  
    color:rgb(228, 136, 160)  
}
```

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(228, 136, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 136, 160) }
```

Border

The CSS property to change the border of an element to XYZ 47.1442, 36.6404, 37.8452 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(228, 136, 160) }
```


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

```
.border{ border-color:rgb(228, 136, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 136, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 136, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 136, 160);  
box-shadow:4px 4px 4px 4px rgb(228, 136,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1442, 36.6404, 37.8452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 136, 160) }
```

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

```
.background{ background-color: rgb(228,  
136, 160) }
```

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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