

Converting Colors

XYZ(48.3512, 37.3630, 37.2165)

Have a look what the booklet for
XYZ(48.3512, 37.3630, 37.2165)
contains.

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Color

**XYZ(48.2544, 37.2327,
36.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	E8889E
RGB	232, 136, 158
RGB Percent	91%, 53%, 62%
CMY	0.0902, 0.4666, 0.3804
CMYK	0.00, 0.41, 0.32, 0.09
HSL	346°, 68%, 72%
HSV	346°, 41%, 91%
XYZ	48.2544, 37.2327, 36.9911
YIQ	167.2120, 50.1540, 27.1940

Conversions

Conversions Part 2

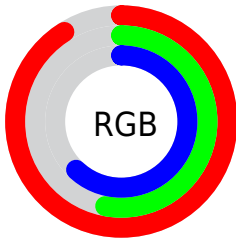
Format	Color
R_{YB}	232, 136, 158
Decimal	15239326
CIE _{Lab}	67.45, 39.17, 4.33
CIE _{LCh}	67, 39.409, 6.304
Yxy	37.2327, 0.3940, 0.3040
Android (android.graphics.Color)	4293429406 (0xFFE8889E)
YUV	167.2120, -4.5415, 56.8191
Hunter-Lab	61.0186, 34.3778, 6.7698

Details

The XYZ color **48.2544, 37.2327, 36.9911** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.6445, 67.6015, 71.3554**, and the grayscale version is **36.8392, 38.7577, 42.2071**.

A 20% lighter version of the original color is **71.8810, 63.3257, 71.3853**, and **23.2797, 16.4009, 15.8486** is the 20% darker color. If you saturate the color by 10%, you get **43.9045, 30.8198, 28.4909**, and if you desaturate by 10%, it is **53.5375, 45.1531, 46.9085**.

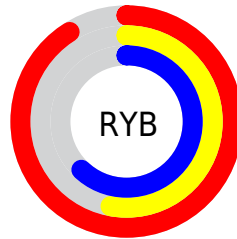
Distribution



Red (91%)

Green (53%)

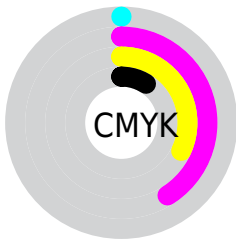
Blue (62%)



Red (91%)

Yellow (53%)

Blue (62%)

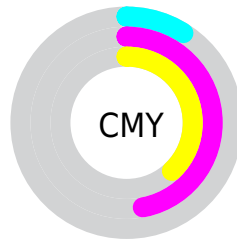


Cyan (0%)

Magenta (41%)

Yellow (32%)

Black (9%)



Cyan (9%)


Magenta (47%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2544, 37.2327, 36.9911 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 48.2544, 37.2327, 36.9911 by changing the saturation by 10% instead.


 48.2544, 37.2327,
36.9911


 48.2544, 37.2327,
36.9911

370.3655,
334.3169, 348.4395


 34.2405, 25.3877,
24.9049


 86.7905, 70.9305,
71.7453

 23.2422, 16.3661,
15.7878


 112.0433, 93.5522,
95.2503

 14.8941, 9.7836,
9.2214

 141.7732,
120.5348, 123.3987

 8.8309, 5.2557,
4.7871

176.3455,
152.2628, 156.6089

 4.6873, 2.3981,
2.0663

216.1255,
189.1207, 195.2996

 2.0978, 0.8249,
0.5956

261.4786,

 0.6880, 0.0000,

231.4927, 239.8892

0.0000

312.7701,
279.7633, 290.7963

■ 0.0000, 0.0000,
0.0000

■ 48.2544, 37.2327,
36.9911

■ 48.2544, 37.2327,
36.9911

■ 43.9045, 30.8198,
28.4909

■ 53.5375, 45.1531,
46.9085

■ 40.4291, 25.8128,
21.3395

■ 59.8017, 54.6630,
58.3024

■ 37.7672, 22.1064,
15.4660

■ 67.0954, 65.8451,
71.2316

■ 35.8486, 19.5780,
10.7919

■ 75.4626, 78.7745,
85.7509

■ 34.5902, 18.0808,
7.2289

■ 84.9449, 93.5220,
101.9122

■ 33.9250, 17.4143,
4.9604

■ 87.0888, 95.8958,
108.5274

Harmonies

Analogous

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



47.1437, 37.2327, 55.4551



48.2544, 37.2327, 36.9911



45.6142, 37.2327, 23.8427

Triad

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



48.2544, 37.2327, 36.9911



28.9389, 37.2327, 19.1843



30.9169, 37.2327, 79.3334

Complementary

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



48.2544, 37.2327, 36.9911



50.6445, 67.6015, 71.3554

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.



26.8182, 37.2327, 63.6344



48.2544, 37.2327, 36.9911



25.7705, 37.2327, 28.5723

Square

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



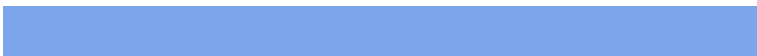
48.2544, 37.2327, 36.9911



34.1266, 37.2327, 15.6258



25.0407, 37.2327, 44.3091



36.6812, 37.2327, 83.4824

Rectangle

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



48.2544, 37.2327, 36.9911



42.2417, 37.2327, 18.6609



25.0407, 37.2327, 44.3091



29.3199, 37.2327, 75.0509

Sweetspot

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



48.2554, 37.2345, 36.9918



82.4853, 80.5794, 87.1122



49.8356, 37.0795, 80.8745



17.3878, 16.8360, 18.1753



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.



48.2554, 37.2345, 36.9918



54.9555, 38.9928, 36.4002



50.5739, 44.6351, 29.2447



14.5116, 14.4218, 15.6284



18.8735, 9.6836, 2.9630



1.4297, 0.7296, 0.4033

Inverse Universe

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



48.2554, 37.2345, 36.9918



54.9555, 38.9928, 36.4002



46.8880, 55.3973, 84.5655



14.5116, 14.4218, 15.6284



18.8735, 9.6836, 2.9630



1.4297, 0.7296, 0.4033

Previews

White Background



This preview shows how the XYZ color 48.2544, 37.2327, 36.9911 looks on a white background.

Color Contrast Check

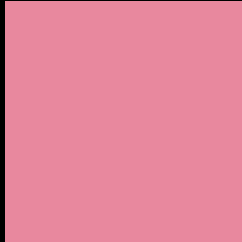
Large Text (above 18pt) WCAG AA × Fail

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 48.2544, 37.2327, 36.9911 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 48.2544, 37.2327, 36.9911

Background



This preview shows how black text looks on a background with the XYZ color 48.2544, 37.2327, 36.9911.



This preview shows how white text looks on a background with the XYZ color 48.2544, 37.2327,

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

48.2544, 37.2327, 36.9911

Protanopia

36.4325, 37.6062, 45.3829

Deuteranopia

38.2385, 37.4437, 35.7838



Tritanopia

47.3888, 37.3040, 32.7197

Trichromacy



Original Color

48.2544, 37.2327, 36.9911

Protanomaly

39.6098, 36.7572, 42.0530

Deuteranomaly

41.3401, 37.0563, 35.9841

Tritanomaly

47.5682, 37.1472, 34.3688

Monochromacy



Original Color

48.2544, 37.2327, 36.9911

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.0752, 37.5336, 40.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2544, 37.2327, 36.9911 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, 136, 158)` looks like.

```
.text, #text, p{  
    color:rgb(232, 136, 158)  
}
```

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, 136, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 136, 158) }
```

Border

The CSS property to change the border of an element to XYZ 48.2544, 37.2327, 36.9911 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, 136, 158) }
```


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

```
.border{ border-color:rgb(232, 136, 158) }
```

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

Here you see how a box with a 4 pixel rgb(232, 136, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 136, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 136, 158);  
box-shadow:4px 4px 4px 4px rgb(232, 136,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2544, 37.2327, 36.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 136, 158) }
```

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

```
.background{ background-color: rgb(232,  
136, 158) }
```

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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