

Converting Colors

XYZ(46.3725, 37.2307, 37.6731)

Have a look what the booklet for
XYZ(46.3725, 37.2307, 37.6731)
contains.

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Color

**XYZ(46.5234, 37.4002,
37.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	E08D9F
RGB	224, 141, 159
RGB Percent	88%, 55%, 62%
CMY	0.1216, 0.4470, 0.3765
CMYK	0.00, 0.37, 0.29, 0.12
HSL	347°, 57%, 72%
HSV	347°, 37%, 88%
XYZ	46.5234, 37.4002, 37.5678
YIQ	167.8690, 43.6900, 23.1940

Conversions

Conversions Part 2

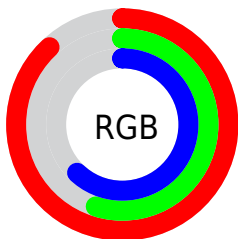
Format	Color
RYB	224, 141, 159
Decimal	14716319
CIELab	67.58, 33.80, 3.82
CIELCh	68, 34.020, 6.450
Yxy	37.4002, 0.3829, 0.3078
Android (android.graphics.Color)	4292906399 (0xFFE08D9F)
YUV	167.8690, -4.3724, 49.2269
Hunter-Lab	61.1557, 28.7691, 6.3873

Details

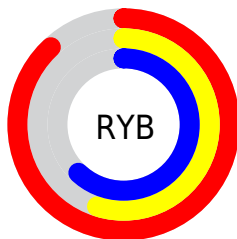
The XYZ color **46.5234, 37.4002, 37.5678** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.7824, 63.4313, 68.0681**, and the grayscale version is **37.1618, 39.0971, 42.5768**.

A 20% lighter version of the original color is **73.1175, 65.5949, 72.4257**, and **22.2155, 16.4430, 16.1903** is the 20% darker color. If you saturate the color by 10%, you get **42.1325, 30.8841, 29.1189**, and if you desaturate by 10%, it is **51.8004, 45.3422, 47.3789**.

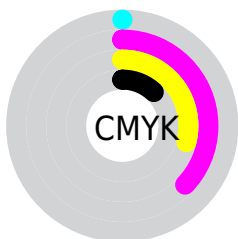
Distribution



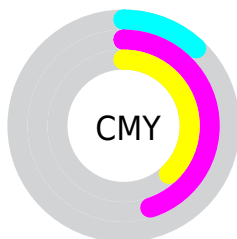
- Red (88%)
- Green (55%)
- Blue (62%)



- Red (88%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (29%)
- Black (12%)





- Cyan (12%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5234, 37.4002, 37.5678 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 46.5234, 37.4002, 37.5678 by changing the saturation by 10% instead.


 46.5234, 37.4002,
37.5678


 46.5234, 37.4002,
37.5678


363.5897,
335.0399, 351.0047


 32.8654, 25.5175,
25.3482


 84.2249, 71.1879,
72.6413

 22.1821, 16.4630,
16.1153


 108.9990, 93.8616,
96.3322

 14.1081, 9.8524,
9.4505


 138.2093,
120.9012, 124.6840

 8.2781, 5.3012,
4.9354

172.2210,
152.6910, 158.1152

 4.3267, 2.4251,
2.1513

211.3996,
189.6153, 197.0443

 1.8886, 0.8387,
0.6461

256.1103,

 0.5702, 0.0000,

232.0587, 241.8899

0.0000

306.7185,
280.4054, 293.0705

0.0000, 0.0000,
0.0000

46.5234, 37.4002,
37.5678

46.5234, 37.4002,
37.5678

42.1325, 30.8841,
29.1189

51.8004, 45.3422,
47.3789

38.5750, 25.7037,
21.9687

58.0060, 54.7823,
58.6071

35.7973, 21.7673,
16.0520

65.1838, 65.7943,
71.3072

33.7382, 18.9690,
11.2966

73.3734, 78.4456,
85.5302

32.3266, 17.1850,
7.6226

82.6126, 92.7995,
101.3246

■ 31.4721, 16.2547,
4.9371

■ 84.5506, 94.5874,
108.4086

■ 31.2860, 16.0655,
4.3103

Harmonies

Analogous

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



45.6022, 37.4002, 53.3679



46.5234, 37.4002, 37.5678



44.2796, 37.4002, 25.8779

Triad

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



46.5234, 37.4002, 37.5678



29.8939, 37.4002, 21.6491



31.6738, 37.4002, 73.2977

Complementary

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



46.5234, 37.4002, 37.5678



48.7824, 63.4313, 68.0681

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.



28.0467, 37.4002, 60.3741



46.5234, 37.4002, 37.5678



27.0918, 37.4002, 30.2512

Square

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



46.5234, 37.4002, 37.5678



34.4285, 37.4002, 18.2603



26.4502, 37.4002, 44.0490



36.6911, 37.4002, 76.6316

Rectangle

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



46.5234, 37.4002, 37.5678



41.4092, 37.4002, 21.1045



26.4502, 37.4002, 44.0490



30.2673, 37.4002, 69.7994

Sweetspot

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



46.5244, 37.4020, 37.5685



83.4080, 82.0558, 88.5570



48.0566, 37.3605, 75.1998



17.5702, 17.1298, 18.4552



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.



46.5244, 37.4020, 37.5685



58.0193, 43.6397, 41.9866



48.6704, 44.0139, 31.1318



13.8283, 13.7489, 14.8658



18.2455, 9.3652, 2.6925



1.2978, 0.6624, 0.3612

Inverse Universe

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



46.5244, 37.4020, 37.5685



58.0193, 43.6397, 41.9866



45.5298, 53.2244, 78.3951



13.8283, 13.7489, 14.8658



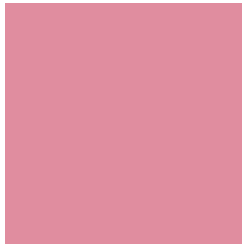
18.2455, 9.3652, 2.6925



1.2978, 0.6624, 0.3612

Previews

White Background



This preview shows how the XYZ color 46.5234, 37.4002, 37.5678 looks on a white background.

Color Contrast Check

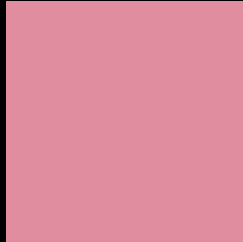
Large Text (above 18pt) WCAG AA × Fail

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 46.5234, 37.4002, 37.5678 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 46.5234, 37.4002, 37.5678

Background



This preview shows how black text looks on a background with the XYZ color 46.5234, 37.4002, 37.5678.



This preview shows how white text looks on a background with the XYZ color 46.5234, 37.4002,

37.5678.

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

46.5234, 37.4002, 37.5678

Protanopia

36.4477, 37.6365, 44.3733

Deuteranopia

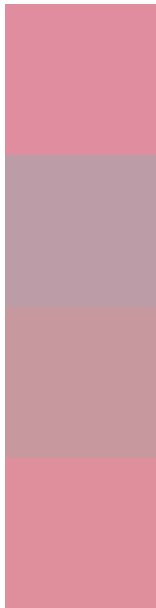
38.1661, 37.3869, 36.6573



Tritanopia

45.8542, 37.3339, 34.9264

Trichromacy



Original Color

46.5234, 37.4002, 37.5678

Protanomaly

39.3570, 37.1317, 41.6520

Deuteranomaly

40.8672, 37.0329, 36.8924

Tritanomaly

46.0208, 37.4005, 35.8038

Monochromacy



Original Color

46.5234, 37.4002, 37.5678

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.7574, 37.8617, 40.8099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5234, 37.4002, 37.5678 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(224, 141, 159)` looks like.

```
.text, #text, p{  
    color:rgb(224, 141, 159)  
}
```

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(224, 141, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 141, 159) }
```

Border

The CSS property to change the border of an element to XYZ 46.5234, 37.4002, 37.5678 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(224, 141, 159) }
```


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

```
.border{ border-color:rgb(224, 141, 159) }
```

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

Here you see how a box with a 4 pixel rgb(224, 141, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 141, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 141, 159);  
box-shadow:4px 4px 4px 4px rgb(224, 141,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5234, 37.4002, 37.5678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 141, 159) }
```

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

```
.background{ background-color: rgb(224,  
141, 159) }
```

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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