

Converting Colors

XYZ(45.1345, 37.1049, 43.7984)

Have a look what the booklet for
XYZ(45.1345, 37.1049, 43.7984)
contains.

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Color

**XYZ(45.1512, 37.2212,
43.8344)**

Conversions

Conversions Part 1

Format	Color
Hex	D690AC
RGB	214, 144, 172
RGB Percent	84%, 56%, 67%
CMY	0.1608, 0.4353, 0.3255
CMYK	0.00, 0.33, 0.20, 0.16
HSL	336°, 46%, 70%
HSV	336°, 33%, 84%
XYZ	45.1512, 37.2212, 43.8344
YIQ	168.1220, 32.7320, 23.5480

Conversions

Conversions Part 2

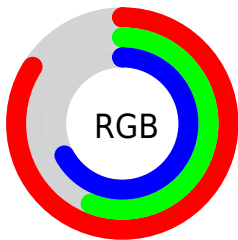
Format	Color
R _Y B	214, 144, 172
Decimal	14061740
CIE Lab	67.44, 30.47, -3.81
CIE LCh	67, 30.705, 352.870
Yxy	37.2212, 0.3578, 0.2949
Android (android.graphics.Color)	4292251820 (0xFFD690AC)
YUV	168.1220, 1.9119, 40.2350
Hunter-Lab	61.0092, 25.3368, 0.1072

Details

The XYZ color **45.1512, 37.2212, 43.8344** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.4127, 57.5686, 55.2282**, and the grayscale version is **37.2599, 39.2003, 42.6891**.

A 20% lighter version of the original color is **75.5286, 67.6529, 81.7506**, and **21.3179, 16.2795, 19.7880** is the 20% darker color. If you saturate the color by 10%, you get **41.0377, 30.8732, 36.6700**, and if you desaturate by 10%, it is **50.0003, 44.8490, 51.8328**.

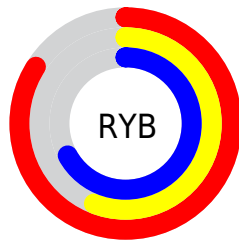
Distribution



Red (84%)

Green (56%)

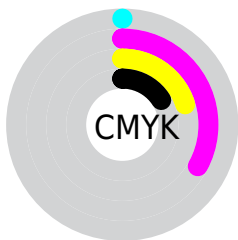
Blue (67%)



Red (84%)

Yellow (56%)

Blue (67%)

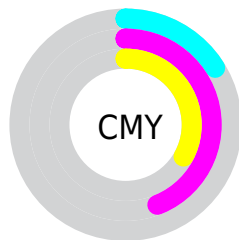


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (16%)



Cyan (16%)


Magenta (44%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1512, 37.2212, 43.8344 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 45.1512, 37.2212, 43.8344 by changing the saturation by 10% instead.


 45.1512, 37.2212,
43.8344


 45.1512, 37.2212,
43.8344


358.1590,
334.2672, 378.0536

 31.7783, 25.3788,
30.2041

 82.1829, 70.9129,
82.2683

 21.3470, 16.3595,
19.7402


 106.5725, 93.5309,
107.9090

 13.4918, 9.7789,
12.0241


135.3650,
120.5096, 138.3903

 7.8474, 5.2526,
6.6374

168.9258,
152.2334, 174.1306

 4.0484, 2.3962,
3.1614

207.6202,
189.0867, 215.5486

 1.7296, 0.8239,
1.1776

251.8137,

 0.4747, 0.0000,

231.4538, 263.0627

0.0000

301.8715,
279.7192, 317.0915

■ 0.0000, 0.0000,
0.0000

■ 45.1512, 37.2212,
43.8344

■ 45.1512, 37.2212,
43.8344

■ 41.0377, 30.8732,
36.6700

■ 50.0003, 44.8490,
51.8328

■ 37.6185, 25.7288,
30.3080

■ 55.6172, 53.8169,
60.6906

■ 34.8529, 21.7118,
24.7179

■ 62.0359, 64.1875,
70.4349

■ 32.6943, 18.7349,
19.8659

■ 69.2873, 76.0179,
81.0908

■ 31.0894, 16.6981,
15.7152

■ 77.4007, 89.3621,
92.6822

■ 29.9748, 15.4806,
12.2243

■ 80.5977, 92.6586,
103.2968

■ 29.3951, 14.9616,
10.0569

■ 81.5417, 93.0362,
108.2678

Harmonies

Analogous

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



43.1041, 37.2212, 58.2954



45.1512, 37.2212, 43.8344



44.3998, 37.2212, 31.2562

Triad

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



45.1512, 37.2212, 43.8344



31.9719, 37.2212, 21.0121



30.1855, 37.2212, 64.9355

Complementary

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



45.1512, 37.2212, 43.8344



44.4127, 57.5686, 55.2282

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.



27.6688, 37.2212, 51.4719



45.1512, 37.2212, 43.8344



28.6345, 37.2212, 26.7955

Square

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



45.1512, 37.2212, 43.8344



36.5142, 37.2212, 19.8473



27.1272, 37.2212, 37.3914



34.2649, 37.2212, 72.1133

Rectangle

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



45.1512, 37.2212, 43.8344



42.4422, 37.2212, 25.3130



27.1272, 37.2212, 37.3914



29.1440, 37.2212, 60.8689

Sweetspot

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



45.1523, 37.2229, 43.8352



85.0814, 83.8491, 93.9041



42.3620, 35.2426, 68.1885



17.9324, 17.4987, 19.6717



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.



45.1523, 37.2229, 43.8352



62.9404, 48.8411, 57.9335



43.8335, 38.4448, 31.4980



12.6270, 12.5023, 13.9759



17.8155, 9.0625, 6.3327



1.1148, 0.5627, 0.5942

Inverse Universe

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



45.1523, 37.2229, 43.8352



62.9404, 48.8411, 57.9335



45.9533, 55.4110, 71.8921



12.6270, 12.5023, 13.9759



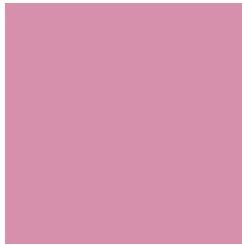
17.8155, 9.0625, 6.3327



1.1148, 0.5627, 0.5942

Previews

White Background



This preview shows how the XYZ color 45.1512, 37.2212, 43.8344 looks on a white background.

Color Contrast Check

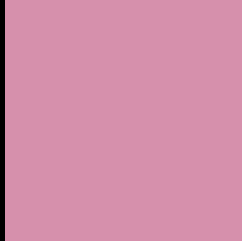
Large Text (above 18pt) WCAG AA × Fail

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 45.1512, 37.2212, 43.8344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

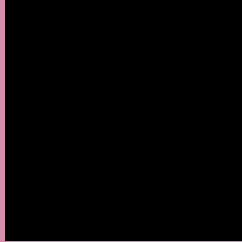
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1512, 37.2212, 43.8344

Background



This preview shows how black text looks on a background with the XYZ color 45.1512, 37.2212, 43.8344.



This preview shows how white text looks on a background with the XYZ color 45.1512, 37.2212,

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

45.1512, 37.2212, 43.8344

Protanopia

36.6492, 37.3365, 50.6224

Deuteranopia

38.0923, 37.4712, 42.7611



Tritanopia

43.6018, 37.0234, 37.1959

Trichromacy



Original Color

45.1512, 37.2212, 43.8344

Protanomaly

39.1827, 36.8960, 48.2365

Deuteranomaly

40.2972, 37.0898, 43.0654

Tritanomaly

44.1768, 37.0413, 39.4716

Monochromacy



Original Color

45.1512, 37.2212, 43.8344

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.5672, 37.9751, 42.7806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1512, 37.2212, 43.8344 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(214, 144, 172)` looks like.

```
.text, #text, p{  
    color:rgb(214, 144, 172)  
}
```

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(214, 144, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 144, 172) }
```

Border

The CSS property to change the border of an element to XYZ 45.1512, 37.2212, 43.8344 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(214, 144, 172) }
```


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

```
.border{ border-color:rgb(214, 144, 172) }
```

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

Here you see how a box with a 4 pixel rgb(214, 144, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 144, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 144, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 144,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1512, 37.2212, 43.8344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 144, 172) }
```

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

```
.background{ background-color: rgb(214,  
144, 172) }
```

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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