

Converting Colors

XYZ(48.5126, 41.8924, 36.8496)

Have a look what the booklet for
XYZ(48.5126, 41.8924, 36.8496)
contains.

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Color

**XYZ(48.6297, 42.0245,
37.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	E09C9C
RGB	224, 156, 156
RGB Percent	88%, 61%, 61%
CMY	0.1216, 0.3882, 0.3882
CMYK	0.00, 0.30, 0.30, 0.12
HSL	0°, 52%, 75%
HSV	0°, 30%, 88%
XYZ	48.6297, 42.0245, 37.0010
YIQ	176.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

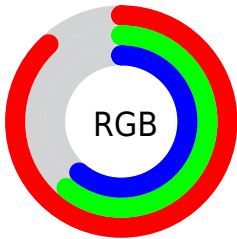
Format	Color
R _Y B	224, 156, 156
Decimal	14720156
CIE Lab	70.89, 25.39, 10.24
CIE LCh	71, 27.377, 21.965
Yxy	42.0245, 0.3809, 0.3292
Android (android.graphics.Color)	4292910236 (0xFFE09C9C)
YUV	176.3320, -10.0237, 41.8048
Hunter-Lab	64.8263, 20.4564, 11.5374

Details

The XYZ color **48.6297, 42.0245, 37.0010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.8197, 65.7590, 80.3774**, and the grayscale version is **41.4769, 43.6370, 47.5207**.

A 20% lighter version of the original color is **76.1671, 72.5017, 70.9525**, and **23.4365, 19.1360, 15.8230** is the 20% darker color. If you saturate the color by 10%, you get **43.4867, 34.4992, 26.7757**, and if you desaturate by 10%, it is **54.8177, 51.0797, 49.3012**.

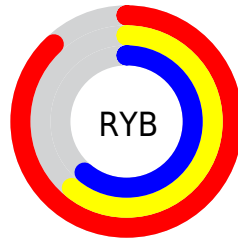
Distribution



Red (88%)

Green (61%)

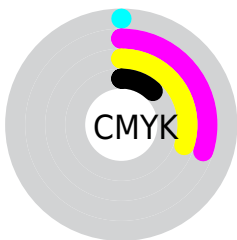
Blue (61%)



Red (88%)

Yellow (61%)

Blue (61%)

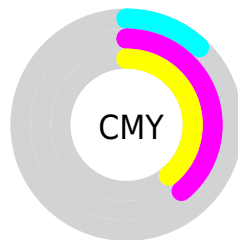


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (12%)



Cyan (12%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6297, 42.0245, 37.0010 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 48.6297, 42.0245, 37.0010 by changing the saturation by 10% instead.


 48.6297, 42.0245,
37.0010


 48.6297, 42.0245,
37.0010


371.8239,
354.5845, 348.4837

 34.5391, 29.1205,
24.9125


 87.3453, 78.2367,
71.7607

 23.4729, 19.1720,
15.7934

 112.7010,
102.3137, 95.2689

 15.0657, 11.7946,
9.2253

142.5425,
130.8837, 123.4208

 8.9521, 6.6040,
4.7896

177.2351,
164.3313, 156.6348

 4.7668, 3.2157,
2.0678

217.1442,
203.0408, 195.3296

 2.1445, 1.2454,
0.5965

262.6351,

 0.7132, 0.0983,

247.3965, 239.9236

0.0000

314.0732,
297.7830, 290.8355

■ 0.0000, 0.0000,
0.0000

■ 48.6297, 42.0245,
37.0010

■ 48.6297, 42.0245,
37.0010

■ 43.4867, 34.4992,
26.7757

■ 54.8177, 51.0797,
49.3012

■ 39.3281, 28.4139,
18.5087

■ 62.1005, 61.7364,
63.7791

■ 36.0920, 23.6784,
12.0756

■ 70.5285, 74.0689,
80.5339

■ 33.7081, 20.1901,
7.3369

■ 80.1482, 88.1451,
99.6578

■ 32.0964, 17.8315,
4.1331

■ 84.5506, 94.5873,
108.4086

■ 31.1611, 16.4629,
2.2743

■ 30.7407, 15.8477,
1.4387

Harmonies

Analogous

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



49.2593, 42.0245, 49.3542



48.6297, 42.0245, 37.0010



45.5867, 42.0245, 28.7064

Triad

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



48.6297, 42.0245, 37.0010



33.4334, 42.0245, 31.9760



38.7312, 42.0245, 75.3634

Complementary

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



48.6297, 42.0245, 37.0010



53.8197, 65.7590, 80.3774

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.



34.7855, 42.0245, 68.4968



48.6297, 42.0245, 37.0010



31.8823, 42.0245, 42.3400

Square

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



48.6297, 42.0245, 37.0010



36.7554, 42.0245, 26.2126



32.3578, 42.0245, 55.7969



43.3098, 42.0245, 73.1884

Rectangle

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



48.6297, 42.0245, 37.0010



42.7167, 42.0245, 25.8088



32.3578, 42.0245, 55.7969



37.2921, 42.0245, 73.9962

Sweetspot

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



48.6308, 42.0265, 37.0018



84.6837, 84.8312, 88.2919



56.0838, 45.0065, 76.2524



17.7929, 17.6702, 18.2363



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.



48.6308, 42.0265, 37.0018



61.0026, 50.1791, 41.2147



55.1550, 55.0749, 39.1766



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



53.8197, 65.7590, 80.3774



68.9534, 86.5439, 107.6782



45.5787, 49.2771, 77.6304



14.1166, 15.5722, 17.6494



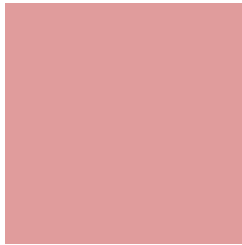
23.3448, 34.1592, 46.4114



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 48.6297, 42.0245, 37.0010 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 48.6297, 42.0245, 37.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

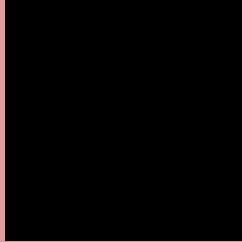
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6297, 42.0245, 37.0010

Background



This preview shows how black text looks on a background with the XYZ color 48.6297, 42.0245, 37.0010.



This preview shows how white text looks on a background with the XYZ color 48.6297, 42.0245,

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

48.6297, 42.0245, 37.0010

Protanopia

40.3255, 42.1875, 41.6149

Deuteranopia

42.9402, 41.9763, 36.4109



Tritanopia

49.4899, 41.8719, 41.5501

Trichromacy



Original Color

48.6297, 42.0245, 37.0010

Protanomaly

42.8460, 41.8482, 40.0017

Deuteranomaly

44.7457, 41.8263, 36.7253

Tritanomaly

49.2943, 42.0589, 39.7025

Monochromacy



Original Color

48.6297, 42.0245, 37.0010

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.3417, 42.5780, 43.4701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6297, 42.0245, 37.0010 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, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(224, 156, 156)  
}
```

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, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 48.6297, 42.0245, 37.0010 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, 156, 156) }
```


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

```
.border{ border-color:rgb(224, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(224, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6297, 42.0245, 37.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 156, 156) }
```

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

```
.background{ background-color: rgb(224,  
156, 156) }
```

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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