

Converting Colors

XYZ(48.5370, 40.9283, 29.0087)

Have a look what the booklet for
XYZ(48.5370, 40.9283, 29.0087)
contains.

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Color

**XYZ(48.5370, 40.9283,
29.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	E79789
RGB	231, 151, 137
RGB Percent	91%, 59%, 54%
CMY	0.0941, 0.4078, 0.4627
CMYK	0.00, 0.35, 0.41, 0.09
HSL	9°, 66%, 72%
HSV	9°, 41%, 91%
XYZ	48.5370, 40.9283, 29.0087
YIQ	173.3240, 52.1740, 12.6060

Conversions

Conversions Part 2

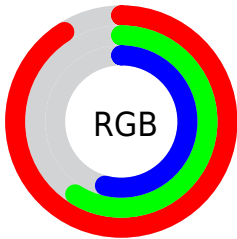
Format	Color
R _Y B	231, 153, 137
Decimal	15177609
CIE Lab	70.13, 28.42, 19.80
CIE LCh	70, 34.638, 34.865
Yxy	40.9283, 0.4097, 0.3455
Android (android.graphics.Color)	4293367689 (0xFFE79789)
YUV	173.3240, -17.9077, 50.5819
Hunter-Lab	63.9752, 23.4685, 17.8984

Details

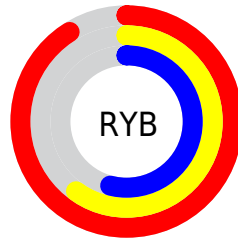
The XYZ color **48.5370, 40.9283, 29.0087** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.5521, 60.7112, 84.7081**, and the grayscale version is **39.9568, 42.0376, 45.7790**.

A 20% lighter version of the original color is **72.6056, 69.1203, 58.2300**, and **23.4157, 18.4960, 11.3528** is the 20% darker color. If you saturate the color by 10%, you get **44.1497, 34.5278, 20.2277**, and if you desaturate by 10%, it is **53.8086, 48.5298, 39.8353**.

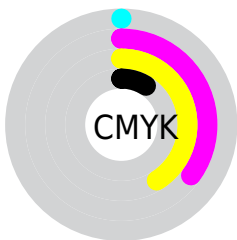
Distribution



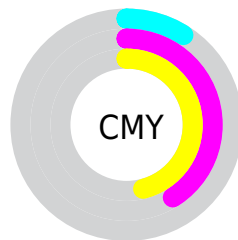
- Red (91%)
- Green (59%)
- Blue (54%)



- Red (91%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (35%)
- Yellow (41%)
- Black (9%)





- Cyan (9%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5370, 40.9283, 29.0087 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 48.5370, 40.9283, 29.0087 by changing the saturation by 10% instead.


 48.5370, 40.9283,
29.0087


 48.5370, 40.9283,
29.0087


371.4640,
350.0209, 311.3182


 34.4654, 28.2631,
18.8418


 87.2083, 76.5750,
59.1333

 23.4159, 18.5241,
11.3803


 112.5386,
100.3253, 79.9280

 15.0233, 11.3269,
6.2059


 142.3526,
128.5394, 105.1023

 8.9222, 6.2871,
2.8999

177.0155,
161.6017, 135.0749

 4.7471, 3.0205,
1.0437

216.8928,
199.8966, 170.2643

 2.1329, 1.1424,
0.0000

262.3497,

 0.7070, 0.0139,

243.8085, 211.0889

0.0000

313.7516,
293.7218, 257.9674

0.0000, 0.0000,
0.0000

48.5370, 40.9283,
29.0087

48.5370, 40.9283,
29.0087

44.1497, 34.5278,
20.2277

53.8086, 48.5298,
39.8353

40.5947, 29.2608,
13.3610

60.0067, 57.3831,
52.8230

37.8191, 25.0623,
8.2654

67.1742, 67.5437,
68.0814

35.7626, 21.8584,
4.7768

75.3505, 79.0617,
85.7119

34.3552, 19.5652,
2.6998

84.5731, 91.9846,
105.8098

■ 33.5390, 18.1570,
1.7369

■ 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



50.7908, 40.9283, 41.9714



48.5370, 40.9283, 29.0087



43.7120, 40.9283, 21.8741

Triad

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



48.5370, 40.9283, 29.0087



29.8525, 40.9283, 32.5869



39.8318, 40.9283, 83.4182

Complementary

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



48.5370, 40.9283, 29.0087



49.5521, 60.7112, 84.7081

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.



34.4568, 40.9283, 79.1776



48.5370, 40.9283, 29.0087



29.0288, 40.9283, 47.2612

Square

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



48.5370, 40.9283, 29.0087



33.0027, 40.9283, 23.5612



30.6332, 40.9283, 64.8733



45.4636, 40.9283, 75.3612

Rectangle

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



48.5370, 40.9283, 29.0087



39.8839, 40.9283, 20.1612



30.6332, 40.9283, 64.8733



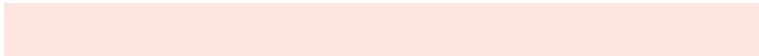
37.9346, 40.9283, 83.3987

Sweetspot

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



48.5380, 40.9303, 29.0095



82.7569, 82.6795, 82.4028



54.6169, 39.9670, 71.4862



17.4509, 17.3254, 17.0765



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.



48.5380, 40.9303, 29.0095



55.9674, 44.2625, 26.7304



57.3310, 58.5162, 31.9405



14.5494, 14.7127, 14.9775



18.8577, 10.2896, 0.9922



1.4477, 0.8688, 0.0914

Inverse Universe

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



49.5521, 60.7112, 84.7081



57.3696, 72.1819, 105.5165



39.3919, 40.3907, 81.3213



14.6149, 15.9512, 18.4529



19.2991, 25.6602, 46.3189



1.4761, 1.9961, 3.4395

Previews

White Background



This preview shows how the XYZ color 48.5370, 40.9283, 29.0087 looks on a white background.

Color Contrast Check

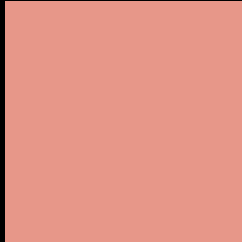
Large Text (above 18pt) WCAG AA × Fail

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 48.5370, 40.9283, 29.0087 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 48.5370, 40.9283, 29.0087

Background



This preview shows how black text looks on a background with the XYZ color 48.5370, 40.9283, 29.0087.



This preview shows how white text looks on a background with the XYZ color 48.5370, 40.9283,

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

48.5370, 40.9283, 29.0087

Protanopia

38.8854, 41.0562, 33.4789

Deuteranopia

41.8456, 41.0490, 28.2720



Tritanopia

50.4522, 41.0067, 38.0568

Trichromacy



Original Color

48.5370, 40.9283, 29.0087

Protanomaly

41.7866, 40.6762, 31.6355

Deuteranomaly

44.0954, 40.8879, 28.4898

Tritanomaly

49.6121, 40.8851, 34.5549

Monochromacy



Original Color

48.5370, 40.9283, 29.0087

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.0484, 40.9177, 38.9394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5370, 40.9283, 29.0087 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(231, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(231, 151, 137)  
}
```

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(231, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 151, 137) }
```

Border

The CSS property to change the border of an element to XYZ 48.5370, 40.9283, 29.0087 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(231, 151, 137) }
```


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

```
.border{ border-color:rgb(231, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(231, 151,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5370, 40.9283, 29.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 151, 137) }
```

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

```
.background{ background-color: rgb(231,  
151, 137) }
```

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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