

Converting Colors

XYZ(48.9906, 41.8662, 36.3000)

Have a look what the booklet for
XYZ(48.9906, 41.8662, 36.3000)
contains.

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Color

**XYZ(49.0018, 41.9780,
36.5302)**

Conversions

Conversions Part 1

Format	Color
Hex	E29B9B
RGB	226, 155, 155
RGB Percent	89%, 61%, 61%
CMY	0.1137, 0.3921, 0.3922
CMYK	0.00, 0.31, 0.31, 0.11
HSL	0°, 55%, 75%
HSV	0°, 31%, 89%
XYZ	49.0018, 41.9780, 36.5302
YIQ	176.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

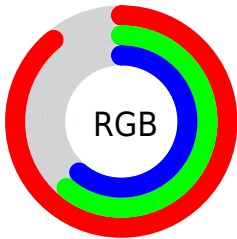
Format	Color
R _Y B	226, 155, 155
Decimal	14850971
CIE Lab	70.86, 26.54, 10.78
CIE LCh	71, 28.650, 22.101
Yxy	41.9780, 0.3843, 0.3292
Android (android.graphics.Color)	4293041051 (0xFFE29B9B)
YUV	176.2290, -10.4659, 43.6492
Hunter-Lab	64.7904, 21.6185, 11.9244

Details

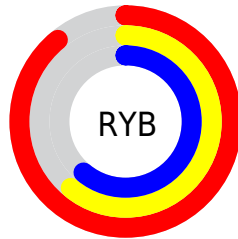
The XYZ color **49.0018, 41.9780, 36.5302** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4405, 66.8500, 81.9858**, and the grayscale version is **41.4247, 43.5820, 47.4608**.

A 20% lighter version of the original color is **75.7952, 71.9566, 70.2158**, and **23.7111, 19.1350, 15.5404** is the 20% darker color. If you saturate the color by 10%, you get **43.8631, 34.4589, 26.3134**, and if you desaturate by 10%, it is **55.2018, 51.0507, 48.8541**.

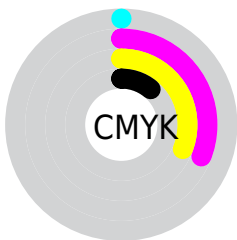
Distribution



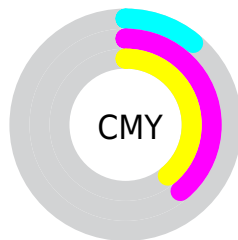
- Red (89%)
- Green (61%)
- Blue (61%)



- Red (89%)
- Yellow (61%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0018, 41.9780, 36.5302 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 49.0018, 41.9780, 36.5302 by changing the saturation by 10% instead.


 49.0018, 41.9780,
36.5302


 49.0018, 41.9780,
36.5302


373.2662,
354.3917, 346.3793

 34.8354, 29.0841,
24.5510


 87.8948, 78.1663,
71.0279

 23.7021, 19.1444,
15.5269


 113.3522,
102.2295, 94.3834

 15.2363, 11.7747,
9.0393


143.3040,
130.7846, 122.3682

 9.0728, 6.5904,
4.6697

178.1155,
164.2159, 155.4008

 4.8462, 3.2073,
1.9995

218.1522,
202.9079, 193.8996

 2.1911, 1.2409,
0.5549

263.7793,

 0.7381, 0.0947,

247.2449, 238.2833

0.0000

315.3622,
297.6114, 288.9703

0.0000, 0.0000,
0.0000

49.0018, 41.9780,
36.5302

49.0018, 41.9780,
36.5302

43.8631, 34.4589,
26.3134

55.2018, 51.0507,
48.8541

39.7231, 28.4009,
18.0834

62.5143, 61.7509,
63.3912

36.5179, 23.7107,
11.7118

70.9913, 74.1551,
80.2433

34.1748, 20.2820,
7.0542

80.6804, 88.3330,
99.5053

32.6105, 17.9928,
3.9448

85.1741, 94.9088,
108.4378

■ 31.7251, 16.6971,
2.1850

■ 31.3643, 16.1691,
1.4679

Harmonies

Analogous

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



49.6771, 41.9780, 49.4078



49.0018, 41.9780, 36.5302



45.7942, 41.9780, 27.9740

Triad

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



49.0018, 41.9780, 36.5302



33.0984, 41.9780, 31.4119



38.6532, 41.9780, 76.9269

Complementary

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



49.0018, 41.9780, 36.5302



54.4405, 66.8500, 81.9858

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.



34.5324, 41.9780, 69.6902



49.0018, 41.9780, 36.5302



31.4961, 41.9780, 42.1956

Square

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



49.0018, 41.9780, 36.5302



36.5507, 41.9780, 25.4547



31.9994, 41.9780, 56.3045



43.4454, 41.9780, 74.5761

Rectangle

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



49.0018, 41.9780, 36.5302



42.7808, 41.9780, 25.0120



31.9994, 41.9780, 56.3045



37.1493, 41.9780, 75.4915

Sweetspot

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



49.0029, 41.9800, 36.5310



84.6837, 84.8313, 88.2919



56.8132, 45.1029, 77.6631



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.



49.0029, 41.9800, 36.5310



59.6652, 48.2221, 38.5560



55.8027, 55.5796, 38.7976



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.



54.4405, 66.8500, 81.9858



67.9282, 86.0152, 107.6301



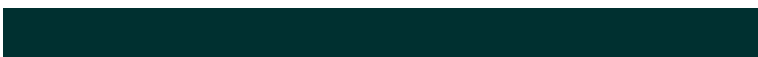
45.7674, 49.5039, 79.0947



14.1166, 15.5722, 17.6494



23.3448, 34.1591, 46.4113



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 49.0018, 41.9780, 36.5302 looks on a white background.

Color Contrast Check

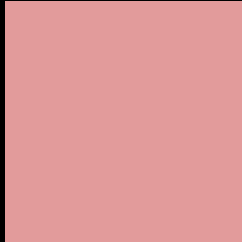
Large Text (above 18pt) WCAG AA × Fail

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 49.0018, 41.9780, 36.5302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

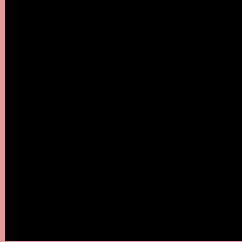
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0018, 41.9780, 36.5302

Background



This preview shows how black text looks on a background with the XYZ color 49.0018, 41.9780, 36.5302.



This preview shows how white text looks on a background with the XYZ color 49.0018, 41.9780,

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

49.0018, 41.9780, 36.5302

Protanopia

40.3255, 42.1875, 41.6149

Deuteranopia

42.8572, 41.9431, 35.9740



Tritanopia

49.8613, 41.8300, 41.0433

Trichromacy



Original Color

49.0018, 41.9780, 36.5302

Protanomaly

42.8342, 41.5814, 39.4866

Deuteranomaly

44.9424, 41.9374, 36.2979

Tritanomaly

49.6672, 42.0153, 39.2102

Monochromacy



Original Color

49.0018, 41.9780, 36.5302

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.3186, 42.3018, 42.9277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0018, 41.9780, 36.5302 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(226, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(226, 155, 155)  
}
```

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(226, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 49.0018, 41.9780, 36.5302 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(226, 155, 155) }
```


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

```
.border{ border-color:rgb(226, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(226, 155,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0018, 41.9780, 36.5302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 155, 155) }
```

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

```
.background{ background-color: rgb(226,  
155, 155) }
```

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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