

Converting Colors

XYZ(49.3429, 40.6493, 34.6889)

Have a look what the booklet for
XYZ(49.3429, 40.6493, 34.6889)
contains.

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Color

**XYZ(49.2884, 40.7182,
34.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	E79597
RGB	231, 149, 151
RGB Percent	91%, 58%, 59%
CMY	0.0941, 0.4157, 0.4078
CMYK	0.00, 0.35, 0.35, 0.09
HSL	359°, 63%, 75%
HSV	359°, 35%, 91%
XYZ	49.2884, 40.7182, 34.5398
YIQ	173.7460, 48.2300, 18.0060

Conversions

Conversions Part 2

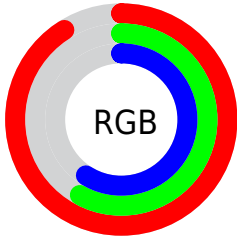
Format	Color
R _Y B	231, 149, 151
Decimal	15177111
CIE Lab	69.98, 31.11, 11.84
CIE LCh	70, 33.284, 20.833
Yxy	40.7182, 0.3957, 0.3269
Android (android.graphics.Color)	4293367191 (0xFFE79597)
YUV	173.7460, -11.2138, 50.2118
Hunter-Lab	63.8108, 26.2071, 12.5748

Details

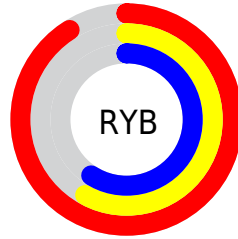
The XYZ color **49.2884, 40.7182, 34.5398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.1151, 69.1995, 84.5844**, and the grayscale version is **40.1412, 42.2316, 45.9902**.

A 20% lighter version of the original color is **73.8523, 68.8535, 67.1552**, and **23.8085, 18.3537, 14.3444** is the 20% darker color. If you saturate the color by 10%, you get **44.3308, 33.4574, 24.7037**, and if you desaturate by 10%, it is **55.3229, 49.5725, 46.4618**.

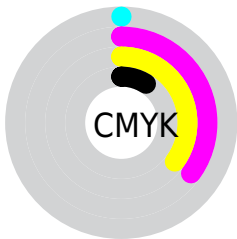
Distribution



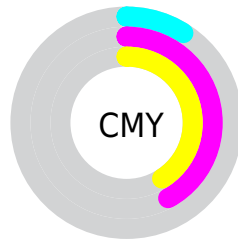
- Red (91%)
- Green (58%)
- Blue (59%)



- Red (91%)
- Yellow (58%)
- Blue (59%)



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





- Cyan (9%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2884, 40.7182, 34.5398 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 49.2884, 40.7182, 34.5398 by changing the saturation by 10% instead.


 49.2884, 40.7182,
34.5398


 49.2884, 40.7182,
34.5398


374.3747,
349.1415, 337.3747

 35.0638, 28.0990,
23.0279


 88.3178, 76.2559,
67.9157

 23.8788, 18.4003,
14.4086


 113.8533, 99.9432,
90.6167

 15.3680, 11.2377,
8.2634


143.8898,
128.0886, 117.8846

 9.1660, 6.2270,
4.1738

178.7926,
161.0765, 150.1378

 4.9076, 2.9836,
1.7212

218.9272,
199.2914, 187.7948

 2.2274, 1.1232,
0.3752

264.6588,

 0.7571, 0.0000,

243.1176, 231.2743

0.0000

316.3529,
292.9395, 280.9947

■ 0.0000, 0.0000,
0.0000

■ 49.2884, 40.7182,
34.5398

■ 49.2884, 40.7182,
34.5398

■ 44.3308, 33.4574,
24.7037

■ 55.3229, 49.5725,
46.4618

■ 40.3837, 27.6900,
16.8315

■ 62.4890, 60.1006,
60.5776

■ 37.3786, 23.3139,
10.7922

■ 70.8415, 72.3849,
76.9903

■ 35.2370, 20.2117,
6.4377

■ 80.4308, 86.5003,
95.7960

■ 33.8680, 18.2469,
3.5971

■ 86.7651, 95.7290,
108.5123

■ 33.1599, 17.2516,
2.0636

■ 32.9859, 17.0013,
1.7044

Harmonies

Analogous

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



49.9357, 40.7182, 49.2653



49.2884, 40.7182, 34.5398



45.6681, 40.7182, 24.9781

Triad

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



49.2884, 40.7182, 34.5398



31.1666, 40.7182, 28.0218



37.0638, 40.7182, 80.8362

Complementary

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



49.2884, 40.7182, 34.5398



55.1151, 69.1995, 84.5844

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.



32.4819, 40.7182, 71.7537



49.2884, 40.7182, 34.5398



29.2927, 40.7182, 39.7455

Square

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



49.2884, 40.7182, 34.5398



35.1101, 40.7182, 21.8711



29.7506, 40.7182, 55.8268



42.5297, 40.7182, 78.5141

Rectangle

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



49.2884, 40.7182, 34.5398



42.2271, 40.7182, 21.6863



29.7506, 40.7182, 55.8268



35.3777, 40.7182, 78.9495

Sweetspot

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



49.2895, 40.7202, 34.5406



82.6480, 81.7519, 84.5553



57.2519, 43.8040, 81.0390



17.3907, 17.0580, 17.5098



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.



49.2895, 40.7202, 34.5406



56.7657, 43.7566, 33.4784



56.2080, 54.8144, 36.0541



14.3911, 14.3736, 14.9942



18.4988, 9.5338, 0.9899



1.3720, 0.7065, 0.0997

Inverse Universe

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



49.2895, 40.7202, 34.5406



56.7657, 43.7566, 33.4784



45.8311, 50.1831, 82.8722



14.3911, 14.3736, 14.9942



18.4988, 9.5338, 0.9899



1.3720, 0.7065, 0.0997

Previews

White Background



This preview shows how the XYZ color 49.2884, 40.7182, 34.5398 looks on a white background.

Color Contrast Check

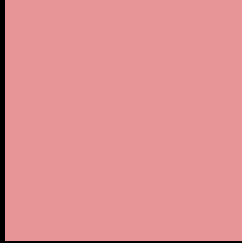
Large Text (above 18pt) WCAG AA × Fail

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 49.2884, 40.7182, 34.5398 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 49.2884, 40.7182, 34.5398

Background



This preview shows how black text looks on a background with the XYZ color 49.2884, 40.7182, 34.5398.



This preview shows how white text looks on a background with the XYZ color 49.2884, 40.7182,

34.5398.

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

49.2884, 40.7182, 34.5398

Protanopia

39.2160, 41.0816, 40.0451

Deuteranopia

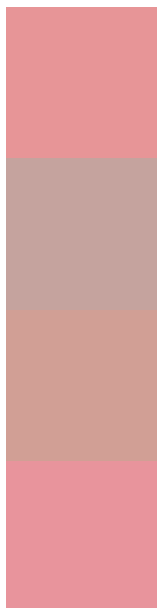
41.5654, 40.7841, 33.6984



Tritanopia

50.1266, 40.8388, 38.0416

Trichromacy



Original Color

49.2884, 40.7182, 34.5398

Protanomaly

42.2947, 40.5333, 37.9423

Deuteranomaly

44.1174, 40.5215, 33.9300

Tritanomaly

49.8694, 40.7359, 36.6869

Monochromacy



Original Color

49.2884, 40.7182, 34.5398

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.8437, 41.2655, 41.7833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2884, 40.7182, 34.5398 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, 149, 151)` looks like.

```
.text, #text, p{  
    color:rgb(231, 149, 151)  
}
```

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, 149, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 149, 151) }
```

Border

The CSS property to change the border of an element to XYZ 49.2884, 40.7182, 34.5398 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, 149, 151) }
```


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

```
.border{ border-color:rgb(231, 149, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 149, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 149, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 149, 151);  
box-shadow:4px 4px 4px 4px rgb(231, 149,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2884, 40.7182, 34.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 149, 151) }
```

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

```
.background{ background-color: rgb(231,  
149, 151) }
```

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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