

Converting Colors

XYZ(48.9442, 40.9890, 34.5608)

Have a look what the booklet for
XYZ(48.9442, 40.9890, 34.5608)
contains.

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Color

**XYZ(48.9656, 41.0256,
34.6161)**

Conversions

Conversions Part 1

Format	Color
Hex	E59797
RGB	229, 151, 151
RGB Percent	90%, 59%, 59%
CMY	0.1020, 0.4078, 0.4078
CMYK	0.00, 0.34, 0.34, 0.10
HSL	0°, 60%, 75%
HSV	0°, 34%, 90%
XYZ	48.9656, 41.0256, 34.6161
YIQ	174.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

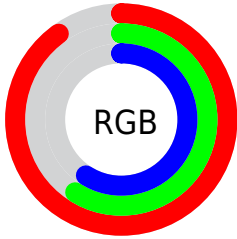
Format	Color
R _Y B	229, 151, 151
Decimal	15046551
CIE Lab	70.19, 29.30, 12.11
CIE LCh	70, 31.703, 22.455
Yxy	41.0256, 0.3930, 0.3292
Android (android.graphics.Color)	4293236631 (0xFFE59797)
YUV	174.3220, -11.4977, 47.9526
Hunter-Lab	64.0512, 24.3692, 12.7929

Details

The XYZ color **48.9656, 41.0256, 34.6161** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.9235, 68.2724, 84.4119**, and the grayscale version is **40.4392, 42.5452, 46.3317**.

A 20% lighter version of the original color is **74.3308, 69.8104, 67.3147**, and **23.5567, 18.5017, 14.3862** is the 20% darker color. If you saturate the color by 10%, you get **43.9492, 33.6856, 24.6426**, and if you desaturate by 10%, it is **55.0611, 49.9454, 46.7323**.

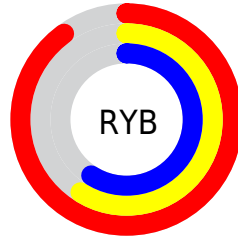
Distribution



Red (90%)

Green (59%)

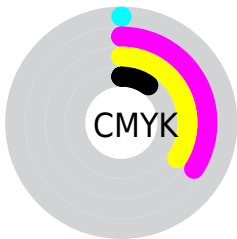
Blue (59%)



Red (90%)

Yellow (59%)

Blue (59%)

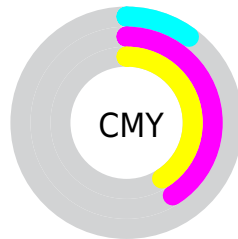


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (10%)



Cyan (10%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9656, 41.0256, 34.6161 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 48.9656, 41.0256, 34.6161 by changing the saturation by 10% instead.


 48.9656, 41.0256,
34.6161


 48.9656, 41.0256,
34.6161


373.1261,
350.4276, 337.7232

 34.8066, 28.3391,
23.0861


 87.8414, 76.7228,
68.0354

 23.6798, 18.5814,
14.4512


 113.2889,
100.5022, 90.7619

 15.2197, 11.3682,
8.2928


143.2300,
128.7480, 118.0575

 9.0610, 6.3151,
4.1924

178.0300,
161.8447, 150.3409

 4.8384, 3.0376,
1.7315

218.0542,
200.1766, 188.0307

 2.1866, 1.1514,
0.3822

263.6681,

 0.7356, 0.0215,

244.1282, 231.5453

0.0000

315.2369,
294.0837, 281.3033

■ 0.0000, 0.0000,
0.0000

■ 48.9656, 41.0256,
34.6161

■ 48.9656, 41.0256,
34.6161

■ 43.9492, 33.6856,
24.6426

■ 55.0611, 49.9454,
46.7323

■ 39.9461, 27.8279,
16.6848

■ 62.2899, 60.5233,
61.1030

■ 36.8883, 23.3533,
10.6063

■ 70.7068, 72.8394,
77.8355

■ 34.6982, 20.1484,
6.2527

■ 80.3616, 86.9672,
97.0293

■ 33.2858, 18.0815,
3.4452

■ 86.1231, 95.3980,
108.4822

■ 32.5416, 16.9925,
1.9662

■ 32.3133, 16.6583,
1.5123

Harmonies

Analogous

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



49.7501, 41.0256, 48.5299



48.9656, 41.0256, 34.6161



45.3984, 41.0256, 25.6209

Triad

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



48.9656, 41.0256, 34.6161



31.6024, 41.0256, 29.4152



37.6975, 41.0256, 79.4266

Complementary

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



48.9656, 41.0256, 34.6161



54.9235, 68.2724, 84.4119

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.



33.2214, 41.0256, 71.3868



48.9656, 41.0256, 34.6161



29.9114, 41.0256, 41.0202

Square

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



48.9656, 41.0256, 34.6161



35.3038, 41.0256, 23.1159



30.4767, 41.0256, 56.5032



42.9319, 41.0256, 76.6419

Rectangle

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



48.9656, 41.0256, 34.6161



42.0809, 41.0256, 22.5802



30.4767, 41.0256, 56.5032



36.0611, 41.0256, 77.8486

Sweetspot

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



48.9667, 41.0276, 34.6169



83.6111, 83.2617, 86.1596



57.5227, 44.4487, 79.6764



17.5792, 17.3576, 17.8115



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.



48.9667, 41.0276, 34.6169



57.7607, 45.4353, 34.7701



56.3127, 55.7196, 37.0656



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



1.3653, 0.7039, 0.0639

Inverse Universe

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



54.9235, 68.2724, 84.4119



66.4685, 85.2626, 107.5618



45.3191, 49.0637, 81.2104



14.8074, 16.3363, 18.5171



24.1040, 35.2701, 47.9206



1.7812, 2.6064, 3.5412

Previews

White Background



This preview shows how the XYZ color 48.9656, 41.0256, 34.6161 looks on a white background.

Color Contrast Check

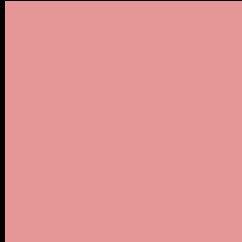
Large Text (above 18pt) WCAG AA × Fail

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 48.9656, 41.0256, 34.6161 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 48.9656, 41.0256, 34.6161

Background



This preview shows how black text looks on a background with the XYZ color 48.9656, 41.0256, 34.6161.



This preview shows how white text looks on a background with the XYZ color 48.9656, 41.0256,

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

48.9656, 41.0256, 34.6161

Protanopia

39.4446, 41.1994, 40.0558

Deuteranopia

42.0075, 41.2809, 33.7709



Tritanopia

49.8136, 40.8911, 38.9855

Trichromacy



Original Color

48.9656, 41.0256, 34.6161

Protanomaly

42.4730, 40.8899, 38.0017

Deuteranomaly

44.4642, 41.2150, 34.0455

Tritanomaly

49.6253, 41.0700, 37.2101

Monochromacy



Original Color

48.9656, 41.0256, 34.6161

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.7673, 41.4949, 41.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9656, 41.0256, 34.6161 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(229, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(229, 151, 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(229, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 151, 151) }
```

Border

The CSS property to change the border of an element to XYZ 48.9656, 41.0256, 34.6161 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(229, 151, 151) }
```


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

```
.border{ border-color:rgb(229, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(229, 151,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9656, 41.0256, 34.6161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 151, 151) }
```

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

```
.background{ background-color: rgb(229,  
151, 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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