

Converting Colors

XYZ(43.6381, 34.3088, 27.7432)

Have a look what the booklet for
XYZ(43.6381, 34.3088, 27.7432)
contains.

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Color

**XYZ(43.4357, 34.1274,
27.5905)**

Conversions

Conversions Part 1

Format	Color
Hex	E08488
RGB	224, 132, 136
RGB Percent	88%, 52%, 53%
CMY	0.1216, 0.4823, 0.4667
CMYK	0.00, 0.41, 0.39, 0.12
HSL	357°, 60%, 70%
HSV	357°, 41%, 88%
XYZ	43.4357, 34.1274, 27.5905
YIQ	159.9640, 53.5480, 20.7480

Conversions

Conversions Part 2

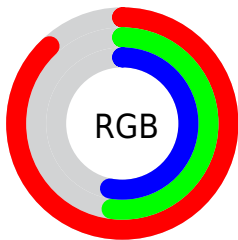
Format	Color
R_{YB}	224, 132, 136
Decimal	14713992
CIE _{Lab}	65.06, 35.72, 13.20
CIE _{LCh}	65, 38.080, 20.290
Yxy	34.1274, 0.4131, 0.3245
Android (android.graphics.Color)	4292904072 (0xFFE08488)
YUV	159.9640, -11.8143, 56.1596
Hunter-Lab	58.4187, 30.4864, 12.8910

Details

The XYZ color **43.4357, 34.1274, 27.5905** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.0913, 63.3850, 77.3609**, and the grayscale version is **33.4333, 35.1745, 38.3050**.

A 20% lighter version of the original color is **67.9842, 60.0519, 56.1521**, and **20.3480, 14.6637, 10.5620** is the 20% darker color. If you saturate the color by 10%, you get **39.3440, 28.1424, 19.4497**, and if you desaturate by 10%, it is **48.4857, 41.5418, 37.5532**.

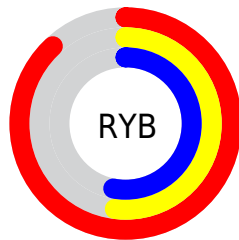
Distribution



Red (88%)

Green (52%)

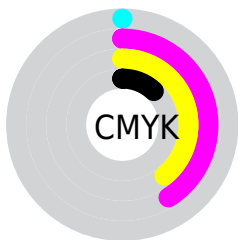
Blue (53%)



Red (88%)

Yellow (52%)

Blue (53%)

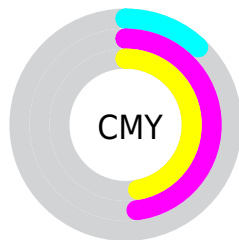


Cyan (0%)

Magenta (41%)

Yellow (39%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4357, 34.1274, 27.5905 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 43.4357, 34.1274, 27.5905 by changing the saturation by 10% instead.


 43.4357, 34.1274,
27.5905


 43.4357, 34.1274,
27.5905


351.2917,
320.6998, 304.3551


 30.4231, 22.9915,
17.7809


 79.6196, 66.1317,
56.8452

 20.3096, 14.5872,
10.6250


 103.5215, 87.7690,
77.1273

 12.7299, 8.5302,
5.7043


 131.7841,
113.6754, 101.7374

 7.3185, 4.4360,
2.6002

164.7724,
144.2354, 131.0938

 3.7102, 1.9203,
0.8926

202.8520,
179.8335, 165.6153

 1.5395, 0.5606,
0.0000

246.3882,

 0.3525, 0.0000,

220.8540, 205.7203

0.0000

295.7463,
267.6813, 251.8274

■ 0.0000, 0.0000,
0.0000

■ 43.4357, 34.1274,
27.5905

■ 43.4357, 34.1274,
27.5905

■ 39.3440, 28.1424,
19.4497

■ 48.4857, 41.5418,
37.5532

■ 36.1477, 23.4900,
13.0188

■ 54.5464, 50.4639,
49.4369

■ 33.7802, 20.0699,
8.1764

■ 61.6698, 60.9725,
63.3356

■ 32.1650, 17.7650,
4.7844

■ 69.9033, 73.1393,
79.3367

■ 31.2109, 16.4359,
2.6811

■ 79.2915, 87.0318,
97.5225

■ 30.7938, 15.8686,
1.7193

■ 84.5505, 94.5873,
108.4086

Harmonies

Analogous

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



44.0535, 34.1274, 42.5208



43.4357, 34.1274, 27.5905



39.6956, 34.1274, 18.3489

Triad

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



43.4357, 34.1274, 27.5905



24.9435, 34.1274, 20.9356



30.6810, 34.1274, 75.8558

Complementary

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



43.4357, 34.1274, 27.5905



49.0913, 63.3850, 77.3609

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.



26.1222, 34.1274, 65.7634



43.4357, 34.1274, 27.5905



23.0665, 34.1274, 32.2679

Square

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



43.4357, 34.1274, 27.5905



28.8968, 34.1274, 15.3309



23.4720, 34.1274, 48.7175



36.2553, 34.1274, 73.5472

Rectangle

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



43.4357, 34.1274, 27.5905



36.1469, 34.1274, 15.2728



23.4720, 34.1274, 48.7175



28.9902, 34.1274, 73.7129

Sweetspot

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



43.4366, 34.1291, 27.5912



81.6936, 80.2627, 82.9431



51.0407, 37.0083, 74.9742



17.2030, 16.7621, 17.2022



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.



43.4366, 34.1291, 27.5912



53.6361, 39.0013, 27.7989



49.9268, 47.5555, 28.3797



13.7312, 13.7101, 14.3549



17.9351, 9.2410, 1.0578



1.2518, 0.6440, 0.1187

Inverse Universe

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



43.4366, 34.1291, 27.5912



53.6361, 39.0013, 27.7989



39.8229, 43.9912, 76.9133



13.7312, 13.7101, 14.3549



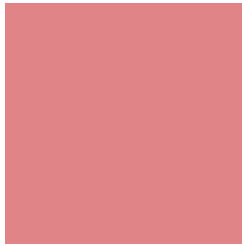
17.9351, 9.2410, 1.0578



1.2518, 0.6440, 0.1187

Previews

White Background



This preview shows how the XYZ color 43.4357, 34.1274, 27.5905 looks on a white background.

Color Contrast Check

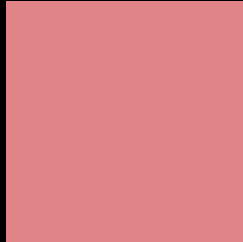
Large Text (above 18pt) WCAG AA × Fail

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 43.4357, 34.1274, 27.5905 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 43.4357, 34.1274, 27.5905

Background



This preview shows how black text looks on a background with the XYZ color 43.4357, 34.1274, 27.5905.



This preview shows how white text looks on a background with the XYZ color 43.4357, 34.1274,

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

43.4357, 34.1274, 27.5905

Protanopia

32.7559, 34.4102, 33.3492

Deuteranopia

34.9215, 34.1897, 26.5885



Tritanopia

43.6645, 34.0030, 29.4612

Trichromacy



Original Color

43.4357, 34.1274, 27.5905

Protanomaly

35.7891, 33.8228, 31.0277

Deuteranomaly

37.6477, 33.9500, 26.7591

Tritanomaly

43.5170, 33.9440, 28.6843

Monochromacy



Original Color

43.4357, 34.1274, 27.5905

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.0207, 34.1143, 33.9644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4357, 34.1274, 27.5905 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, 132, 136)` looks like.

```
.text, #text, p{  
    color:rgb(224, 132, 136)  
}
```

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, 132, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 132, 136) }
```

Border

The CSS property to change the border of an element to XYZ 43.4357, 34.1274, 27.5905 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, 132, 136) }
```


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

```
.border{ border-color:rgb(224, 132, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 132, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 132, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 132, 136);  
box-shadow:4px 4px 4px 4px rgb(224, 132,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4357, 34.1274, 27.5905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 132, 136) }
```

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

```
.background{ background-color: rgb(224,  
132, 136) }
```

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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