

Converting Colors

XYZ(43.4580, 34.4220, 27.3820)

Have a look what the booklet for
XYZ(43.4580, 34.4220, 27.3820)
contains.

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Color

**XYZ(43.5012, 34.3716,
27.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	E08587
RGB	224, 133, 135
RGB Percent	88%, 52%, 53%
CMY	0.1216, 0.4784, 0.4706
CMYK	0.00, 0.41, 0.40, 0.12
HSL	359°, 59%, 70%
HSV	359°, 41%, 88%
XYZ	43.5012, 34.3716, 27.2633
YIQ	160.4370, 53.5940, 19.9140

Conversions

Conversions Part 2

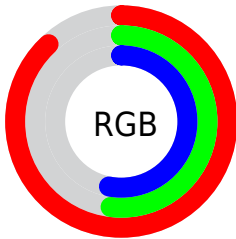
Format	Color
RYB	224, 133, 135
Decimal	14714247
CIELab	65.26, 35.08, 14.04
CIElCh	65, 37.784, 21.813
Yxy	34.3716, 0.4138, 0.3269
Android (android.graphics.Color)	4292904327 (0xFFE08587)
YUV	160.4370, -12.5404, 55.7448
Hunter-Lab	58.6273, 29.8485, 13.4676

Details

The XYZ color **43.5012, 34.3716, 27.2633** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.5150, 63.5726, 78.7718**, and the grayscale version is **33.6550, 35.4077, 38.5590**.

A 20% lighter version of the original color is **68.0874, 60.4315, 55.6528**, and **20.3829, 14.7975, 10.3762** is the 20% darker color. If you saturate the color by 10%, you get **39.3679, 28.3247, 19.0423**, and if you desaturate by 10%, it is **48.6076, 41.8566, 37.3752**.

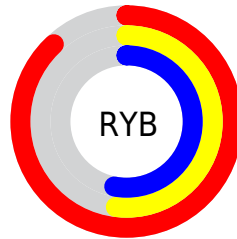
Distribution



Red (88%)

Green (52%)

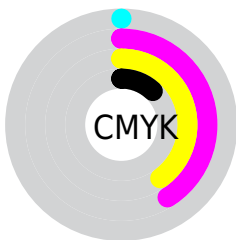
Blue (53%)



Red (88%)

Yellow (52%)

Blue (53%)

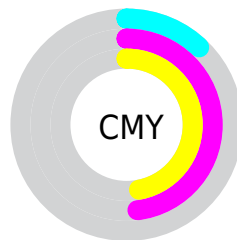


Cyan (0%)

Magenta (41%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5012, 34.3716, 27.2633 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 43.5012, 34.3716, 27.2633 by changing the saturation by 10% instead.


 43.5012, 34.3716,
27.2633


 43.5012, 34.3716,
27.2633

351.5556,
321.7858, 302.7301


 30.4748, 23.1792,
17.5369


 79.7177, 66.5111,
56.3150

 20.3491, 14.7259,
10.4520


 103.6384, 88.2271,
76.4773

 12.7588, 8.6272,
5.5902


 131.9213,
114.2196, 100.9553

 7.3385, 4.4989,
2.5328

164.9317,
144.8732, 130.1676

 3.7229, 1.9563,
0.8575

203.0350,
180.5722, 164.5327

 1.5466, 0.5819,
0.0000

246.5965,

 0.3572, 0.0000,

221.7011, 204.4691

0.0000

295.9816,
268.6442, 250.3954

■ 0.0000, 0.0000,
0.0000

■ 43.5012, 34.3716,
27.2633

■ 43.5012, 34.3716,
27.2633

■ 39.3679, 28.3247,
19.0423

■ 48.6076, 41.8566,
37.3752

■ 36.1434, 23.6191,
12.5930

■ 54.7407, 50.8583,
49.4833

■ 33.7601, 20.1542,
7.7858

■ 61.9531, 61.4556,
63.6874

■ 32.1397, 17.8129,
4.4724

■ 70.2934, 73.7205,
80.0801

■ 31.1892, 16.4560,
2.4782

■ 79.8068, 87.7206,
98.7484

■ 30.7674, 15.8581,
1.5803

■ 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.



44.2917, 34.3716, 41.9048



43.5012, 34.3716, 27.2633



39.6515, 34.3716, 18.3133

Triad

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



43.5012, 34.3716, 27.2633



25.0436, 34.3716, 21.6523



31.1865, 34.3716, 76.1096

Complementary

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



43.5012, 34.3716, 27.2633



49.5150, 63.5726, 78.7718

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.



26.5588, 34.3716, 66.6268



43.5012, 34.3716, 27.2633



23.2816, 34.3716, 33.2761

Square

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



43.5012, 34.3716, 27.2633



28.8959, 34.3716, 15.7639



23.8034, 34.3716, 49.8414



36.7574, 34.3716, 73.1639

Rectangle

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



43.5012, 34.3716, 27.2633



36.0817, 34.3716, 15.3986



23.8034, 34.3716, 49.8414



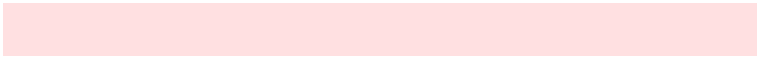
29.4789, 34.3716, 74.1931

Sweetspot

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



43.5021, 34.3733, 27.2640



81.6036, 80.2267, 82.4692



51.6516, 37.5255, 75.0419



17.1820, 16.7537, 17.0919



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.



43.5021, 34.3733, 27.2640



53.4484, 38.9262, 26.8106



50.3961, 48.3841, 28.8754



13.7194, 13.7054, 14.2924



17.9143, 9.2327, 0.9487



1.2461, 0.6417, 0.0887

Inverse Universe

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



43.5021, 34.3733, 27.2640



53.4484, 38.9262, 26.8106



39.7615, 43.6351, 76.8478



13.7194, 13.7054, 14.2924



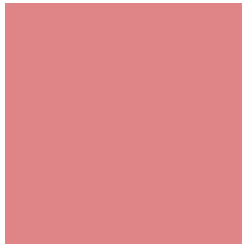
17.9143, 9.2327, 0.9487



1.2461, 0.6417, 0.0887

Previews

White Background



This preview shows how the XYZ color 43.5012, 34.3716, 27.2633 looks on a white background.

Color Contrast Check

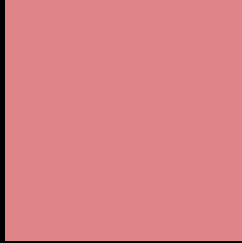
Large Text (above 18pt) WCAG AA × Fail

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 43.5012, 34.3716, 27.2633 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 43.5012, 34.3716, 27.2633

Background



This preview shows how black text looks on a background with the XYZ color 43.5012, 34.3716, 27.2633.



This preview shows how white text looks on a background with the XYZ color 43.5012, 34.3716,

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

43.5012, 34.3716, 27.2633

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

35.3233, 34.6388, 26.6540



Tritanopia

44.1851, 34.4631, 29.9144

Trichromacy



Original Color

43.5012, 34.3716, 27.2633

Protanomaly

35.9551, 33.9172, 30.6382

Deuteranomaly

38.0657, 34.3933, 26.8226

Tritanomaly

43.9628, 34.3742, 28.7439

Monochromacy



Original Color

43.5012, 34.3716, 27.2633

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 43.5012, 34.3716, 27.2633 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, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(224, 133, 135)  
}
```

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, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 133, 135) }
```

Border

The CSS property to change the border of an element to XYZ 43.5012, 34.3716, 27.2633 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, 133, 135) }
```


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

```
.border{ border-color:rgb(224, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(224, 133,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5012, 34.3716, 27.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 133, 135) }
```

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

```
.background{ background-color: rgb(224,  
133, 135) }
```

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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