

Converting Colors

XYZ(43.7899, 34.2171, 27.3647)

Have a look what the booklet for
XYZ(43.7899, 34.2171, 27.3647)
contains.

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Color

**XYZ(43.6758, 34.2593,
27.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	E18487
RGB	225, 132, 135
RGB Percent	88%, 52%, 53%
CMY	0.1176, 0.4823, 0.4706
CMYK	0.00, 0.41, 0.40, 0.12
HSL	358°, 61%, 70%
HSV	358°, 41%, 88%
XYZ	43.6758, 34.2593, 27.2324
YIQ	160.1490, 54.4650, 20.6490

Conversions

Conversions Part 2

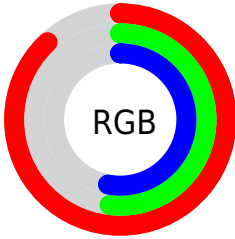
Format	Color
RYB	225, 132, 135
Decimal	14779527
CIELab	65.17, 35.98, 13.93
CIELCh	65, 38.580, 21.173
Yxy	34.2593, 0.4153, 0.3258
Android (android.graphics.Color)	4292969607 (0xFFE18487)
YUV	160.1490, -12.3985, 56.8743
Hunter-Lab	58.5314, 30.7656, 13.3867

Details

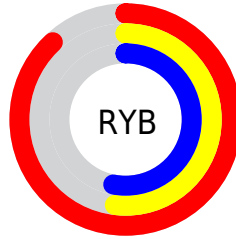
The XYZ color **43.6758, 34.2593, 27.2324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.6274, 64.0307, 78.8544**, and the grayscale version is **33.5209, 35.2666, 38.4054**.

A 20% lighter version of the original color is **67.8760, 60.0087, 55.5823**, and **20.4447, 14.6087, 10.3365** is the 20% darker color. If you saturate the color by 10%, you get **39.5675, 28.2505, 19.0569**, and if you desaturate by 10%, it is **48.7574, 41.7128, 37.2798**.

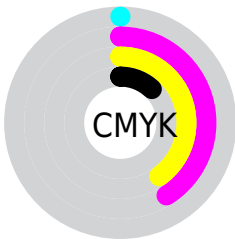
Distribution



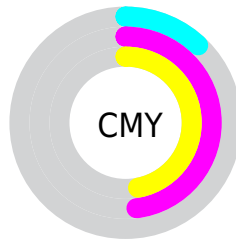
- Red (88%)
- Green (52%)
- Blue (53%)



- 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 43.6758, 34.2593, 27.2324 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 43.6758, 34.2593, 27.2324 by changing the saturation by 10% instead.


 43.6758, 34.2593,
27.2324


 43.6758, 34.2593,
27.2324


352.2583,
321.2867, 302.5763


 30.6125, 23.0929,
17.5139


 79.9791, 66.3367,
56.2648

 20.4544, 14.6621,
10.4357


 103.9497, 88.0165,
76.4158

 12.8359, 8.5826,
5.5794


 132.2870,
113.9695, 100.8813

 7.3919, 4.4699,
2.5265

165.3560,
144.5801, 130.0800

 3.7569, 1.9398,
0.8541

203.5224,
180.2327, 164.4302

 1.5655, 0.5721,
0.0000

247.1513,

 0.3698, 0.0000,

221.3118, 204.3507

0.0000

296.6081,
268.2016, 250.2599

■ 0.0000, 0.0000,
0.0000

■ 43.6758, 34.2593,
27.2324

■ 43.6758, 34.2593,
27.2324

■ 39.5675, 28.2505,
19.0569

■ 48.7574, 41.7128,
37.2798

■ 36.3679, 23.5880,
12.6358

■ 54.8661, 50.6908,
49.3030

■ 34.0087, 20.1698,
7.8414

■ 62.0550, 61.2731,
63.4004

■ 32.4110, 17.8765,
4.5277

■ 70.3728, 73.5327,
79.6634

■ 31.4808, 16.5658,
2.5229

■ 79.8651, 87.5381,
98.1779

■ 31.0911, 16.0235,
1.6622

■ 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



44.4091, 34.2593, 42.2398



43.6758, 34.2593, 27.2324



39.7940, 34.2593, 18.0607

Triad

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



43.6758, 34.2593, 27.2324



24.8707, 34.2593, 21.1106



30.9372, 34.2593, 76.8469

Complementary

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



43.6758, 34.2593, 27.2324



49.6274, 64.0307, 78.8544

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.



26.2647, 34.2593, 66.8679



43.6758, 34.2593, 27.2324



23.0356, 34.2593, 32.7659

Square

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



43.6758, 34.2593, 27.2324



28.8246, 34.2593, 15.2961



23.5149, 34.2593, 49.5917



36.6102, 34.2593, 74.1000

Rectangle

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



43.6758, 34.2593, 27.2324



36.1639, 34.2593, 15.0589



23.5149, 34.2593, 49.5917



29.2083, 34.2593, 74.7848

Sweetspot

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



43.6767, 34.2610, 27.2331



81.6466, 80.2439, 82.6956



51.9364, 37.4543, 75.7263



17.1920, 16.7577, 17.1446



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.



43.6767, 34.2610, 27.2331



53.0321, 38.2234, 26.2716



50.6252, 48.4908, 28.5234



13.7250, 13.7076, 14.3222



17.9242, 9.2367, 1.0009



1.2488, 0.6428, 0.1031

Inverse Universe

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



43.6767, 34.2610, 27.2331



53.0321, 38.2234, 26.2716



39.7540, 43.6357, 77.5615



13.7250, 13.7076, 14.3222



17.9242, 9.2367, 1.0009



1.2488, 0.6428, 0.1031

Previews

White Background



This preview shows how the XYZ color 43.6758, 34.2593, 27.2324 looks on a white background.

Color Contrast Check

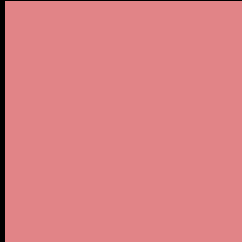
Large Text (above 18pt) WCAG AA × Fail

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 43.6758, 34.2593, 27.2324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

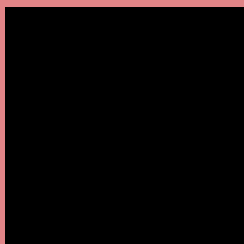
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6758, 34.2593, 27.2324

Background



This preview shows how black text looks on a background with the XYZ color 43.6758, 34.2593, 27.2324.



This preview shows how white text looks on a background with the XYZ color 43.6758, 34.2593,

27.2324.

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

43.6758, 34.2593, 27.2324

Protanopia

32.8820, 34.4844, 32.9401

Deuteranopia

34.8534, 34.1624, 26.2298



Tritanopia

43.9754, 34.1632, 29.4757

Trichromacy



Original Color

43.6758, 34.2593, 27.2324

Protanomaly

35.9551, 33.9172, 30.6382

Deuteranomaly

37.5790, 33.9225, 26.3969

Tritanomaly

43.8278, 34.1042, 28.6989

Monochromacy



Original Color

43.6758, 34.2593, 27.2324

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.2594, 34.2374, 33.9756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6758, 34.2593, 27.2324 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(225, 132, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 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(225, 132, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 135) }
```

Border

The CSS property to change the border of an element to XYZ 43.6758, 34.2593, 27.2324 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(225, 132, 135) }
```


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

```
.border{ border-color:rgb(225, 132, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 132, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6758, 34.2593, 27.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 132, 135) }
```

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

```
.background{ background-color: rgb(225,  
132, 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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