

Converting Colors

XYZ(44.2371, 34.4652, 30.0889)

Have a look what the booklet for
XYZ(44.2371, 34.4652, 30.0889)
contains.

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Color

**XYZ(44.1851, 34.4631,
29.9144)**

Conversions

Conversions Part 1

Format	Color
Hex	E1848E
RGB	225, 132, 142
RGB Percent	88%, 52%, 56%
CMY	0.1176, 0.4823, 0.4431
CMYK	0.00, 0.41, 0.37, 0.12
HSL	354°, 61%, 70%
HSV	354°, 41%, 88%
XYZ	44.1851, 34.4631, 29.9144
YIQ	160.9470, 52.2180, 22.8260

Conversions

Conversions Part 2

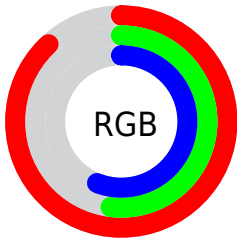
Format	Color
R _Y B	225, 132, 142
Decimal	14779534
CIE Lab	65.33, 36.78, 10.20
CIE LCh	65, 38.167, 15.506
Yxy	34.4631, 0.4070, 0.3174
Android (android.graphics.Color)	4292969614 (0xFFE1848E)
YUV	160.9470, -9.3409, 56.1745
Hunter-Lab	58.7053, 31.6155, 10.8813

Details

The XYZ color **44.1851, 34.4631, 29.9144** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.7084, 63.6631, 74.0146**, and the grayscale version is **33.8776, 35.6419, 38.8140**.

A 20% lighter version of the original color is **68.7627, 60.3633, 60.2517**, and **20.7368, 14.7255, 11.8746** is the 20% darker color. If you saturate the color by 10%, you get **40.0820, 28.4563, 21.7662**, and if you desaturate by 10%, it is **49.2196, 41.8978, 39.7139**.

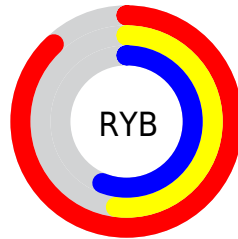
Distribution



Red (88%)

Green (52%)

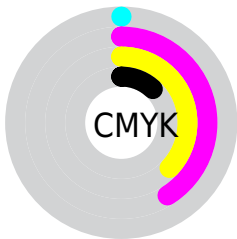
Blue (56%)



Red (88%)

Yellow (52%)

Blue (56%)

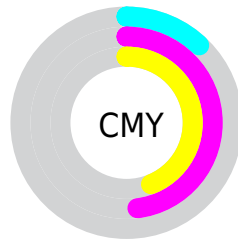


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1851, 34.4631, 29.9144 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 44.1851, 34.4631, 29.9144 by changing the saturation by 10% instead.


 44.1851, 34.4631,
29.9144

 44.1851, 34.4631,
29.9144


354.3026,
322.1921, 315.7001


 31.0146, 23.2496,
19.5221


 80.7408, 66.6532,
60.5862

 20.7618, 14.7779,
11.8675

 104.8567, 88.3985,
81.7028

 13.0615, 8.6637,
6.5321


 133.3519,
114.4233, 107.2312

 7.5482, 4.5225,
3.0973

166.5915,
145.1119, 137.5901

 3.8566, 1.9699,
1.1445

204.9410,
180.8487, 173.1978

 1.6213, 0.5899,
0.0000

248.7658,

 0.4062, 0.0000,

222.0180, 214.4731

0.0000

298.4312,
269.0044, 261.8343

■ 0.0000, 0.0000,
0.0000

■ 44.1851, 34.4631,
29.9144

■ 44.1851, 34.4631,
29.9144

■ 40.0820, 28.4563,
21.7662

■ 49.2196, 41.8978,
39.7139

■ 36.8503, 23.7810,
15.1761

■ 55.2352, 50.8385,
51.2467

■ 34.4271, 20.3372,
10.0449

■ 62.2813, 61.3637,
64.5919

■ 32.7401, 18.0082,
6.2610

■ 70.4031, 73.5450,
79.8229

■ 31.7035, 16.6549,
3.6961

■ 79.6432, 87.4495,
97.0093

■ 31.2181, 16.0743,
2.3314

■ 84.8613, 94.7476,
108.4232

Harmonies

Analogous

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



44.2449, 34.4631, 45.7274



44.1851, 34.4631, 29.9144



40.8410, 34.4631, 19.6365

Triad

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



44.1851, 34.4631, 29.9144



25.7017, 34.4631, 19.8861



30.1508, 34.4631, 75.6948

Complementary

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



44.1851, 34.4631, 29.9144



48.7084, 63.6631, 74.0146

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.



25.8156, 34.4631, 63.8999



44.1851, 34.4631, 29.9144



23.4512, 34.4631, 30.3663

Square

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



44.1851, 34.4631, 29.9144



29.9783, 34.4631, 15.0657



23.4904, 34.4631, 46.3267



35.7005, 34.4631, 75.4713

Rectangle

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



44.1851, 34.4631, 29.9144



37.3951, 34.4631, 15.9772



23.4904, 34.4631, 46.3267



28.5176, 34.4631, 72.8848

Sweetspot

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



44.1860, 34.4648, 29.9151



81.9637, 80.3707, 84.3656



49.6183, 36.2593, 75.6178



17.2659, 16.7873, 17.5338



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.



44.1860, 34.4648, 29.9151



53.7170, 38.4974, 29.8782



49.1554, 45.5513, 28.0336



13.7668, 13.7244, 14.5422



18.0100, 9.2710, 1.4523



1.2688, 0.6508, 0.2083

Inverse Universe

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



44.1860, 34.4648, 29.9151



53.7170, 38.4974, 29.8782



41.3808, 46.8893, 78.1037



13.7668, 13.7244, 14.5422



18.0100, 9.2710, 1.4523



1.2688, 0.6508, 0.2083

Previews

White Background



This preview shows how the XYZ color 44.1851, 34.4631, 29.9144 looks on a white background.

Color Contrast Check

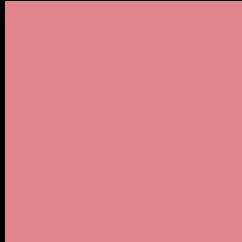
Large Text (above 18pt) WCAG AA × Fail

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 44.1851, 34.4631, 29.9144 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 44.1851, 34.4631, 29.9144

Background



This preview shows how black text looks on a background with the XYZ color 44.1851, 34.4631, 29.9144.



This preview shows how white text looks on a background with the XYZ color 44.1851, 34.4631,

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

44.1851, 34.4631, 29.9144

Protanopia

33.1279, 34.5354, 36.3725

Deuteranopia

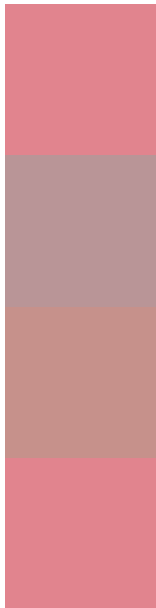
35.2701, 34.5625, 28.8571



Tritanopia

44.1851, 34.4631, 29.9144

Trichromacy



Original Color

44.1851, 34.4631, 29.9144

Protanomaly

36.3409, 34.0435, 33.9338

Deuteranomaly

38.0743, 34.1206, 29.0053

Tritanomaly

44.1851, 34.4631, 29.9144

Monochromacy



Original Color

44.1851, 34.4631, 29.9144

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.5062, 34.3361, 35.2753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1851, 34.4631, 29.9144 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 142) }
```

Border

The CSS property to change the border of an element to XYZ 44.1851, 34.4631, 29.9144 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, 142) }
```


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

```
.border{ border-color:rgb(225, 132, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 132, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 132, 142); box-shadow:4px 4px 4px 4px rgb(225, 132, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1851, 34.4631, 29.9144 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, 142) }
```

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

```
.background{ background-color: rgb(225,  
132, 142) }
```

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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