

Converting Colors

XYZ(44.1787, 34.4162, 29.6368)

Have a look what the booklet for
XYZ(44.1787, 34.4162, 29.6368)
contains.

XYZ(44.1103, 34.4332, 29.5207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.1103, 34.4332,
29.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	E1848D
RGB	225, 132, 141
RGB Percent	88%, 52%, 55%
CMY	0.1176, 0.4823, 0.4471
CMYK	0.00, 0.41, 0.37, 0.12
HSL	354°, 61%, 70%
HSV	354°, 41%, 88%
XYZ	44.1103, 34.4332, 29.5207
YIQ	160.8330, 52.5390, 22.5150

Conversions

Conversions Part 2

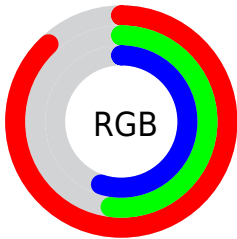
Format	Color
R _Y B	225, 132, 141
Decimal	14779533
CIE Lab	65.30, 36.66, 10.74
CIE LCh	65, 38.200, 16.323
Yxy	34.4332, 0.4082, 0.3186
Android (android.graphics.Color)	4292969613 (0xFFE1848D)
YUV	160.8330, -9.7777, 56.2745
Hunter-Lab	58.6798, 31.4909, 11.2482

Details

The XYZ color **44.1103, 34.4332, 29.5207** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.8372, 63.7145, 74.6935**, and the grayscale version is **33.8265, 35.5882, 38.7555**.

A 20% lighter version of the original color is **68.6492, 60.3179, 59.6541**, and **20.6933, 14.7081, 11.6458** is the 20% darker color. If you saturate the color by 10%, you get **40.0055, 28.4257, 21.3637**, and if you desaturate by 10%, it is **49.1523, 41.8709, 39.3598**.

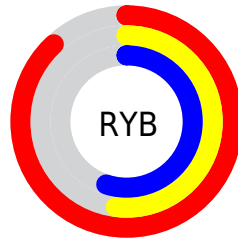
Distribution



Red (88%)

Green (52%)

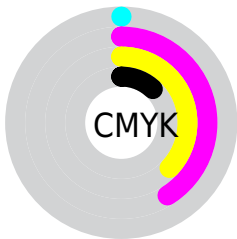
Blue (55%)



Red (88%)

Yellow (52%)

Blue (55%)

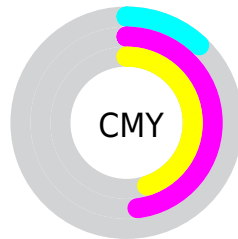


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1103, 34.4332, 29.5207 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 44.1103, 34.4332, 29.5207 by changing the saturation by 10% instead.


 44.1103, 34.4332,
29.5207

 44.1103, 34.4332,
29.5207

354.0028,
322.0594, 313.8014


 30.9555, 23.2266,
19.2261


 80.6290, 66.6068,
59.9554

 20.7166, 14.7609,
11.6553


 104.7236, 88.3425,
80.9326

 13.0283, 8.6518,
6.3898


 133.1956,
114.3568, 106.3077

 7.5252, 4.5147,
3.0109

166.4103,
145.0339, 136.4993

 3.8419, 1.9655,
1.1002

204.7329,
180.7584, 171.9259

 1.6131, 0.5873,
0.0000

248.5290,

 0.4009, 0.0000,

221.9145, 213.0061

0.0000

298.1639,
268.8867, 260.1584

■ 0.0000, 0.0000,
0.0000

■ 44.1103, 34.4332,
29.5207

■ 44.1103, 34.4332,
29.5207

■ 40.0055, 28.4257,
21.3637

■ 49.1523, 41.8709,
39.3598

■ 36.7774, 23.7519,
14.7927

■ 55.1819, 50.8172,
50.9660

■ 34.3624, 20.3113,
9.7046


■ 62.2488, 61.3507,
64.4208


■ 32.6873, 17.9871,
5.9834

■ 70.3988, 73.5433,
79.8002

■ 31.6654, 16.6396,
3.4957

■ 79.6748, 87.4621,
97.1757

 31.1938, 16.0645,
2.2038

 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



44.2665, 34.4332, 45.2162



44.1103, 34.4332, 29.5207



40.6888, 34.4332, 19.4064

Triad

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



44.1103, 34.4332, 29.5207



25.5817, 34.4332, 20.0587



30.2618, 34.4332, 75.8539

Complementary

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



44.1103, 34.4332, 29.5207



48.8372, 63.7145, 74.6935

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.



25.8793, 34.4332, 64.3151



44.1103, 34.4332, 29.5207



23.3916, 34.4332, 30.7016

Square

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



44.1103, 34.4332, 29.5207



29.8111, 34.4332, 15.0992



23.4939, 34.4332, 46.7825



35.8286, 34.4332, 75.2695

Rectangle

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



44.1103, 34.4332, 29.5207



37.2164, 34.4332, 15.8445



23.4939, 34.4332, 46.7825



28.6153, 34.4332, 73.1498

Sweetspot

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



44.1112, 34.4349, 29.5214



81.9181, 80.3525, 84.1256



50.0732, 36.4939, 75.6389



17.2553, 16.7830, 17.4778



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.



44.1112, 34.4349, 29.5214



53.6154, 38.4567, 29.3431



49.4425, 46.1255, 28.1293



13.7608, 13.7220, 14.5107



17.9945, 9.2648, 1.3709



1.2659, 0.6496, 0.1932

Inverse Universe

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



44.1112, 34.4349, 29.5214



53.6154, 38.4567, 29.3431



41.0484, 46.2244, 77.9928



13.7608, 13.7220, 14.5107



17.9945, 9.2648, 1.3709



1.2659, 0.6496, 0.1932

Previews

White Background



This preview shows how the XYZ color 44.1103, 34.4332, 29.5207 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 44.1103, 34.4332, 29.5207 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 44.1103, 34.4332, 29.5207

Background



This preview shows how black text looks on a background with the XYZ color 44.1103, 34.4332, 29.5207.



This preview shows how white text looks on a background with the XYZ color 44.1103, 34.4332,

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

44.1103, 34.4332, 29.5207

Protanopia

33.2475, 34.6068, 35.9378

Deuteranopia

35.1980, 34.5337, 28.4774



Tritanopia

44.1851, 34.4631, 29.9144

Trichromacy



Original Color

44.1103, 34.4332, 29.5207

Protanomaly

36.5022, 34.1360, 33.5192

Deuteranomaly

38.0015, 34.0915, 28.6222

Tritanomaly

44.1851, 34.4631, 29.9144

Monochromacy



Original Color

44.1103, 34.4332, 29.5207

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 44.1103, 34.4332, 29.5207 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 141) }
```

Border

The CSS property to change the border of an element to XYZ 44.1103, 34.4332, 29.5207 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, 141) }
```


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

```
.border{ border-color:rgb(225, 132, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 141);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1103, 34.4332, 29.5207 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, 141) }
```

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

```
.background{ background-color: rgb(225,  
132, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor