

Converting Colors

XYZ(43.3194, 34.2277, 29.5227)

Have a look what the booklet for
XYZ(43.3194, 34.2277, 29.5227)
contains.

XYZ(43.3194, 34.2277, 29.5227)	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(43.3194, 34.2277,
29.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	DE858D
RGB	222, 133, 141
RGB Percent	87%, 52%, 55%
CMY	0.1294, 0.4784, 0.4471
CMYK	0.00, 0.40, 0.36, 0.13
HSL	355°, 57%, 70%
HSV	355°, 40%, 87%
XYZ	43.3194, 34.2277, 29.5227
YIQ	160.5230, 50.4760, 21.3560

Conversions

Conversions Part 2

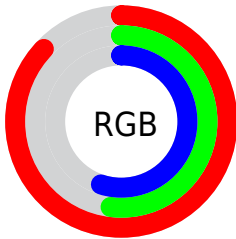
Format	Color
RYB	222, 133, 141
Decimal	14583181
CIELab	65.14, 35.03, 10.45
CIElCh	65, 36.557, 16.616
Yxy	34.2277, 0.4046, 0.3197
Android (android.graphics.Color)	4292773261 (0xFFDE858D)
YUV	160.5230, -9.6248, 53.9153
Hunter-Lab	58.5044, 29.7869, 11.0340

Details

The XYZ color **43.3194, 34.2277, 29.5227** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.9333, 62.0848, 73.0789**, and the grayscale version is **33.6827, 35.4369, 38.5907**.

A 20% lighter version of the original color is **68.8607, 60.7408, 59.7246**, and **20.2155, 14.6824, 11.6660** is the 20% darker color. If you saturate the color by 10%, you get **39.2261, 28.2316, 21.4052**, and if you desaturate by 10%, it is **48.3311, 41.6214, 39.3002**.

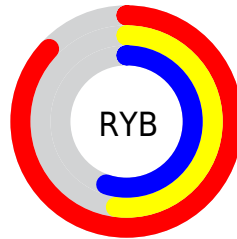
Distribution



Red (87%)

Green (52%)

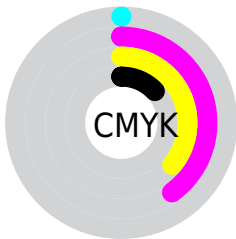
Blue (55%)



Red (87%)

Yellow (52%)

Blue (55%)

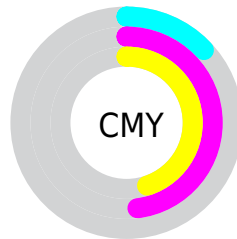


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (13%)



Cyan (13%)


Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3194, 34.2277, 29.5227 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 43.3194, 34.2277, 29.5227 by changing the saturation by 10% instead.


 43.3194, 34.2277,
29.5227


 43.3194, 34.2277,
29.5227


350.8229,
321.1462, 313.8110


 30.3314, 23.0686,
19.2276

 79.4453, 66.2876,
59.9586

 20.2396, 14.6442,
11.6564

 103.3140, 87.9572,
80.9365

 12.6786, 8.5700,
6.3905


 131.5402,
113.8990, 106.3124

 7.2831, 4.4618,
3.0113

164.4895,
144.4975, 136.5048

 3.6877, 1.9351,
1.1004

202.5270,
180.1371, 171.9324

 1.5270, 0.5694,
0.0000

246.0182,

 0.3441, 0.0000,

221.2021, 213.0136

0.0000

295.3284,
268.0770, 260.1669

■ 0.0000, 0.0000,
0.0000

■ 43.3194, 34.2277,
29.5227

■ 43.3194, 34.2277,
29.5227

■ 39.2261, 28.2316,
21.4052

■ 48.3311, 41.6214,
39.3002

■ 35.9928, 23.5405,
14.8535

■ 54.3095, 50.4876,
50.8208

■ 33.5584, 20.0585,
9.7670

■ 61.3028, 60.9020,
64.1644

■ 31.8529, 17.6745,
6.0324

■ 69.3551, 72.9336,
79.4054

■ 30.7937, 16.2566,
3.5199

■ 78.5080, 86.6471,
96.6140

■ 30.2499, 15.5799,
2.0721

■ 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



43.4998, 34.2277, 44.4484



43.3194, 34.2277, 29.5227



40.0546, 34.2277, 19.8125

Triad

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



43.3194, 34.2277, 29.5227



25.6675, 34.2277, 20.5868



30.2277, 34.2277, 73.5275

Complementary

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



43.3194, 34.2277, 29.5227



47.9333, 62.0848, 73.0789

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.



26.0164, 34.2277, 62.7883



43.3194, 34.2277, 29.5227



23.5832, 34.2277, 30.9061

Square

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



43.3194, 34.2277, 29.5227



29.7017, 34.2277, 15.6975



23.7036, 34.2277, 46.2620



35.5375, 34.2277, 72.8588

Rectangle

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



43.3194, 34.2277, 29.5227



36.7515, 34.2277, 16.3698



23.7036, 34.2277, 46.2620



28.6492, 34.2277, 71.0297

Sweetspot

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



43.3203, 34.2294, 29.5234



81.8890, 80.3409, 83.9722



49.0429, 36.2118, 73.5119



17.2485, 16.7803, 17.4421



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.



43.3203, 34.2294, 29.5234



54.5761, 39.9270, 31.0542



48.4725, 45.4518, 28.4108



13.7570, 13.7204, 14.4905



17.9853, 9.2611, 1.3223



1.2641, 0.6489, 0.1836

Inverse Universe

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



43.3203, 34.2294, 29.5234



54.5761, 39.9270, 31.0542



40.5024, 45.5485, 75.7642



13.7570, 13.7204, 14.4905



17.9853, 9.2611, 1.3223



1.2641, 0.6489, 0.1836

Previews

White Background



This preview shows how the XYZ color 43.3194, 34.2277, 29.5227 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 43.3194, 34.2277, 29.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

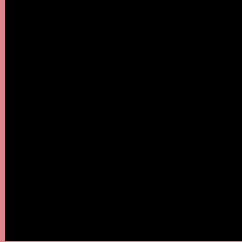
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3194, 34.2277, 29.5227

Background



This preview shows how black text looks on a background with the XYZ color 43.3194, 34.2277, 29.5227.



This preview shows how white text looks on a background with the XYZ color 43.3194, 34.2277,

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

43.3194, 34.2277, 29.5227

Protanopia

32.9599, 34.4682, 35.4877

Deuteranopia

35.0347, 34.4412, 28.8460



Tritanopia

43.4697, 34.2878, 30.3137

Trichromacy



Original Color

43.3194, 34.2277, 29.5227

Protanomaly

35.9394, 33.8552, 33.0743

Deuteranomaly

37.7040, 34.1576, 29.0320

Tritanomaly

43.3942, 34.2576, 29.9164

Monochromacy



Original Color

43.3194, 34.2277, 29.5227

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.4278, 34.5336, 35.3175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3194, 34.2277, 29.5227 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(222, 133, 141)` looks like.

```
.text, #text, p{  
    color:rgb(222, 133, 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(222, 133, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 133, 141) }
```

Border

The CSS property to change the border of an element to XYZ 43.3194, 34.2277, 29.5227 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(222, 133, 141) }
```


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

```
.border{ border-color:rgb(222, 133, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 133, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 133, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 133, 141);  
box-shadow:4px 4px 4px 4px rgb(222, 133,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3194, 34.2277, 29.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 133, 141) }
```

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

```
.background{ background-color: rgb(222,  
133, 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