

Converting Colors

Yxy(33.4526, 0.4292, 0.3231)

Have a look what the booklet for
Yxy(33.4526, 0.4292, 0.3231)
contains.

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Color

Yxy(33.5493, 0.4294, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	E77E83
RGB	231, 126, 131
RGB Percent	91%, 49%, 51%
CMY	0.0940, 0.5059, 0.4862
CMYK	0.00, 0.45, 0.43, 0.09
HSL	357°, 69%, 70%
HSV	357°, 45%, 91%
XYZ	44.5181, 33.5493, 25.6078
YIQ	157.9650, 60.9750, 23.8150

Conversions

Conversions Part 2

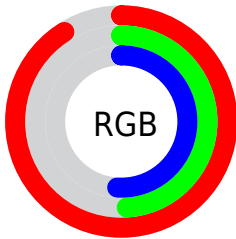
Format	Color
R _Y B	231, 126, 131
Decimal	15171203
CIE Lab	64.60, 40.87, 15.52
CIE LCh	65, 43.721, 20.790
Yxy	33.5493, 0.4294, 0.3236
Android (android.graphics.Color)	4293361283 (0xFFE77E83)
YUV	157.9650, -13.2937, 64.0517
Hunter-Lab	57.9218, 35.8304, 14.3325

Details

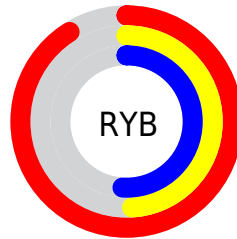
The Yxy color **33.5493, 0.4294, 0.3236** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.0884, 0.2543, 0.3351**, and the grayscale version is **34.2168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3632, 0.3751, 0.3250**, and **14.2774, 0.4674, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **27.7754, 0.4715, 0.3228**, and if you desaturate by 10%, it is **40.8172, 0.3936, 0.3247**.

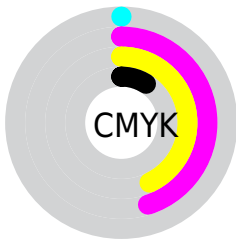
Distribution



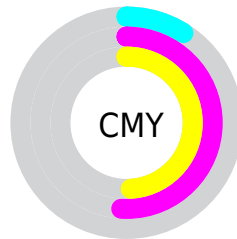
- Red (91%)
- Green (49%)
- Blue (51%)



- Red (91%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5493, 0.4294, 0.3236 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 Yxy color 33.5493, 0.4294, 0.3236 by changing the saturation by 10% instead.


 33.5493, 0.4294,
0.3236


 33.5493, 0.4294,
0.3236


318.1177, 0.3673,
0.3286


 22.5476, 0.4460,
0.3215


 65.2322, 0.4060,
0.3260

 14.2598, 0.4678,
0.3182


 86.6821, 0.3975,
0.3267

 8.3016, 0.4978,
0.3129


 112.3836, 0.3904,
0.3273

 4.2885, 0.5410,
0.3033

142.7210, 0.3843,
0.3277

 1.8362, 0.6096,
0.2854

178.0787, 0.3792,
0.3280

 0.5096, 0.7649,
0.2351

218.8411, 0.3747,

 0.0000, 1.0000,

0.3282

0.0000

265.3927, 0.3708,
0.3284


 0.0000, 0.0000,
0.0000

 33.5493, 0.4294,
0.3236


 33.5493, 0.4294,
0.3236


 27.7754, 0.4715,
0.3228


 40.8172, 0.3936,
0.3247

 23.3870, 0.5179,
0.3227


 49.6674, 0.3641,
0.3259


 20.2695, 0.5641,
0.3233

 60.1876, 0.3404,
0.3272

 18.2872, 0.6034,
0.3250

 72.4573, 0.3214,
0.3284

 17.2741, 0.6292,
0.3273

 86.5512, 0.3062,
0.3295

■ 17.0164, 0.6363,
0.3279

■ 95.7322, 0.2982,
0.3290

Harmonies

Analogous

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



33.5493, 0.3739, 0.2768



33.5493, 0.4294, 0.3236



33.5493, 0.4484, 0.3750

Triad

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



33.5493, 0.4294, 0.3236



33.5493, 0.3094, 0.4428



33.5493, 0.2058, 0.2301

Complementary

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



33.5493, 0.4294, 0.3236



67.0884, 0.2543, 0.3351

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.



33.5493, 0.1932, 0.2607



33.5493, 0.4294, 0.3236



33.5493, 0.2483, 0.3890

Square

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



33.5493, 0.4294, 0.3236



33.5493, 0.3747, 0.4521



33.5493, 0.2074, 0.3176



33.5493, 0.2439, 0.2251

Rectangle

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



33.5493, 0.4294, 0.3236



33.5493, 0.4379, 0.4079



33.5493, 0.2074, 0.3176



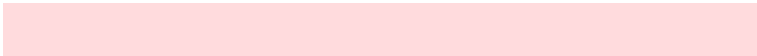
33.5493, 0.1987, 0.2373

Sweetspot

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



33.5510, 0.4294, 0.3236



77.3006, 0.3375, 0.3274



36.8216, 0.3130, 0.2167



15.8812, 0.3421, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.5510, 0.4294, 0.3236



34.8563, 0.4707, 0.3228



48.4831, 0.4086, 0.3831



14.3791, 0.3285, 0.3279



9.5429, 0.6348, 0.3271



0.7092, 0.6204, 0.3191

Inverse Universe

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



33.5510, 0.4294, 0.3236



34.8563, 0.4707, 0.3228



44.3858, 0.2409, 0.2665



14.3791, 0.3285, 0.3279



9.5429, 0.6348, 0.3271



0.7092, 0.6204, 0.3191

Previews

White Background



This preview shows how the Yxy color 33.5493, 0.4294, 0.3236 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 Yxy color 33.5493, 0.4294, 0.3236 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](#).

Yxy 33.5493, 0.4294, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 33.5493, 0.4294, 0.3236.



This preview shows how white text looks on a background with the Yxy color 33.5493, 0.4294, 0.3236.

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

33.5493, 0.4294, 0.3236

Protanopia

33.9019, 0.3269, 0.3439

Deuteranopia

33.7328, 0.3704, 0.3630



Tritanopia

33.4054, 0.4250, 0.3179

Trichromacy



Original Color

33.5493, 0.4294, 0.3236

Protanomaly

33.0457, 0.3619, 0.3361

Deuteranomaly

33.1839, 0.3918, 0.3477

Tritanomaly

33.3774, 0.4262, 0.3190

Monochromacy



Original Color

33.5493, 0.4294, 0.3236

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.0102, 0.3523, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5493, 0.4294, 0.3236 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(231, 126, 131)` looks like.

```
.text, #text, p{  
    color:rgb(231, 126, 131)  
}
```

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(231, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 126, 131) }
```

Border

The CSS property to change the border of an element to Yxy 33.5493, 0.4294, 0.3236 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(231, 126, 131) }
```

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

```
.border{ border-color:rgb(231, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(231, 126,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5493, 0.4294, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 126, 131) }
```

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

```
.background{ background-color: rgb(231,  
126, 131) }
```

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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