

Converting Colors

$Y_{xy}(34.7284, 0.4295, 0.3293)$

Have a look what the booklet for
Yxy(34.7284, 0.4295, 0.3293)
contains.

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Color

Yxy(34.7328, 0.4295, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E88282
RGB	232, 130, 130
RGB Percent	91%, 51%, 51%
CMY	0.0900, 0.4903, 0.4901
CMYK	0.00, 0.44, 0.44, 0.09
HSL	360°, 69%, 71%
HSV	360°, 44%, 91%
XYZ	45.3014, 34.7328, 25.4405
YIQ	160.4980, 60.7920, 21.6240

Conversions

Conversions Part 2

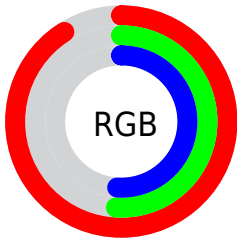
Format	Color
R _Y B	232, 130, 130
Decimal	15237762
CIE Lab	65.54, 39.10, 17.40
CIE LCh	66, 42.798, 23.994
Yxy	34.7328, 0.4295, 0.3293
Android (android.graphics.Color)	4293427842 (0xFFE88282)
YUV	160.4980, -15.0355, 62.7073
Hunter-Lab	58.9345, 34.0726, 15.6603

Details

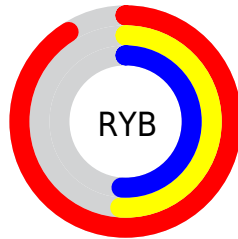
The Yxy color **34.7328, 0.4295, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.3071, 0.2534, 0.3289**, and the grayscale version is **35.4457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9599, 0.3749, 0.3302**, and **14.9271, 0.4671, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **28.6890, 0.4728, 0.3294**, and if you desaturate by 10%, it is **42.3121, 0.3928, 0.3292**.

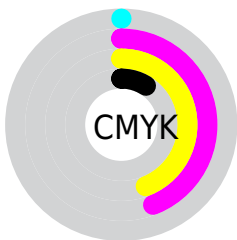
Distribution



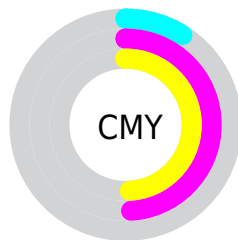
- Red (91%)
- Green (51%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (44%)
- Yellow (44%)
- Black (9%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7328, 0.4295, 0.3293 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 34.7328, 0.4295, 0.3293 by changing the saturation by 10% instead.


 34.7328, 0.4295,
0.3293


 34.7328, 0.4295,
0.3293


323.3874, 0.3677,
0.3314


 23.4571, 0.4459,
0.3279


 67.0716, 0.4063,
0.3307

 14.9314, 0.4674,
0.3255


 88.9036, 0.3978,
0.3310

 8.7713, 0.4967,
0.3213


 115.0230, 0.3907,
0.3312

 4.5923, 0.5386,
0.3133

145.8144, 0.3847,
0.3314

 2.0101, 0.6047,
0.2980

181.6622, 0.3795,
0.3314

 0.6133, 0.7401,
0.2599

222.9507, 0.3751,

 0.0000, 1.0000,

0.3315

0.0000

270.0642, 0.3712,
0.3315

■ 0.0000, 0.0000,
0.0000

■ 34.7328, 0.4295,
0.3293

■ 34.7328, 0.4295,
0.3293

■ 28.6890, 0.4728,
0.3294

■ 42.3121, 0.3928,
0.3292

■ 24.0712, 0.5205,
0.3296

■ 51.5163, 0.3627,
0.3291

■ 20.7638, 0.5677,
0.3297

■ 62.4339, 0.3385,
0.3291

■ 18.6310, 0.6072,
0.3298

■ 75.1459, 0.3193,
0.3290

■ 17.5075, 0.6318,
0.3299

■ 89.7277, 0.3039,
0.3290

 17.1629, 0.6400,
0.3300

 95.9027, 0.2988,
0.3290

Harmonies

Analogous

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



34.7328, 0.3788, 0.2828



34.7328, 0.4295, 0.3293



34.7328, 0.4437, 0.3794

Triad

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



34.7328, 0.4295, 0.3293



34.7328, 0.3029, 0.4350



34.7328, 0.2116, 0.2314

Complementary

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



34.7328, 0.4295, 0.3293



68.3071, 0.2534, 0.3289

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.



34.7328, 0.1966, 0.2585



34.7328, 0.4295, 0.3293



34.7328, 0.2450, 0.3797

Square

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



34.7328, 0.4295, 0.3293



34.7328, 0.3667, 0.4493



34.7328, 0.2077, 0.3113



34.7328, 0.2513, 0.2287

Rectangle

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



34.7328, 0.4295, 0.3293



34.7328, 0.4310, 0.4107



34.7328, 0.2077, 0.3113



34.7328, 0.2038, 0.2376

Sweetspot

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



34.7346, 0.4295, 0.3293



78.6894, 0.3366, 0.3291



38.6676, 0.3162, 0.2211



16.1506, 0.3414, 0.3291



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.



34.7346, 0.4295, 0.3293



36.0105, 0.4695, 0.3294



51.1381, 0.4029, 0.3851



14.3681, 0.3293, 0.3290



9.5244, 0.6400, 0.3299



0.7038, 0.6399, 0.3299

Inverse Universe

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



34.7346, 0.4295, 0.3293



36.0105, 0.4695, 0.3294



44.3207, 0.2423, 0.2642



14.3681, 0.3293, 0.3290



9.5244, 0.6400, 0.3299



0.7038, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 34.7328, 0.4295, 0.3293 looks on a white background.

Color Contrast Check

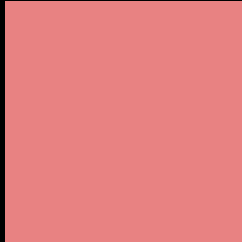
Large Text (above 18pt) WCAG AA × Fail

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 34.7328, 0.4295, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

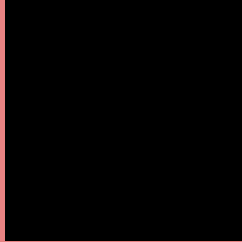
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7328, 0.4295, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 34.7328, 0.4295, 0.3293.



This preview shows how white text looks on a background with the Yxy color 34.7328, 0.4295, 0.3293.

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

34.7328, 0.4295, 0.3293

Protanopia

34.9169, 0.3334, 0.3511

Deuteranopia

34.7279, 0.3738, 0.3667



Tritanopia

34.8591, 0.4214, 0.3191

Trichromacy



Original Color

34.7328, 0.4295, 0.3293

Protanomaly

33.9910, 0.3665, 0.3415

Deuteranomaly

34.4796, 0.3947, 0.3527

Tritanomaly

34.7734, 0.4250, 0.3225

Monochromacy



Original Color

34.7328, 0.4295, 0.3293

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.1039, 0.3515, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7328, 0.4295, 0.3293 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(232, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(232, 130, 130)  
}
```

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(232, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 130, 130) }
```

Border

The CSS property to change the border of an element to Yxy 34.7328, 0.4295, 0.3293 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(232, 130, 130) }
```

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

```
.border{ border-color:rgb(232, 130, 130) }
```

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

Here you see how a box with a 4 pixel rgb(232, 130, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(232, 130,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7328, 0.4295, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 130, 130) }
```

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

```
.background{ background-color: rgb(232,  
130, 130) }
```

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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