

Converting Colors

$Y_{xy}(32.9002, 0.4492, 0.3294)$

Have a look what the booklet for
Yxy(32.9002, 0.4492, 0.3294)
contains.

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Color

Yxy(32.8881, 0.4495, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	EC7979
RGB	236, 121, 121
RGB Percent	93%, 47%, 47%
CMY	0.0745, 0.5254, 0.5254
CMYK	0.00, 0.49, 0.49, 0.07
HSL	0°, 75%, 70%
HSV	0°, 49%, 93%
XYZ	44.8792, 32.8881, 22.0752
YIQ	155.3850, 68.5400, 24.3800

Conversions

Conversions Part 2

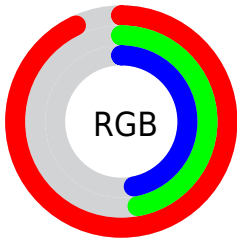
Format	Color
R _Y B	236, 121, 121
Decimal	15497593
CIE Lab	64.07, 44.22, 20.56
CIE LCh	64, 48.764, 24.936
Yxy	32.8881, 0.4495, 0.3294
Android (android.graphics.Color)	4293687673 (0xFFEC7979)
YUV	155.3850, -16.9518, 70.6994
Hunter-Lab	57.3481, 39.3302, 17.3211

Details

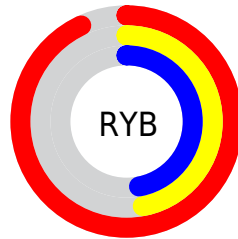
The Yxy color **32.8881, 0.4495, 0.3294** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **70.1073, 0.2487, 0.3288**, and the grayscale version is **33.0137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3278, 0.3863, 0.3324**, and **13.8454, 0.4938, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **27.3281, 0.4954, 0.3295**, and if you desaturate by 10%, it is **39.9959, 0.4095, 0.3293**.

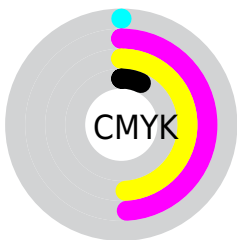
Distribution



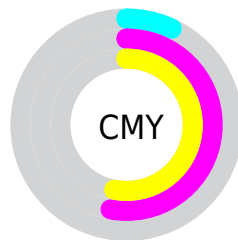
- Red (93%)
- Green (47%)
- Blue (47%)



- Red (93%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (49%)
- Yellow (49%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.8881, 0.4495, 0.3294 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 32.8881, 0.4495, 0.3294 by changing the saturation by 10% instead.


 32.8881, 0.4495,
0.3294


 32.8881, 0.4495,
0.3294


315.1452, 0.3766,
0.3324


 22.0407, 0.4689,
0.3274


 64.2008, 0.4221,
0.3314

 13.8868, 0.4943,
0.3241

 85.4349, 0.4120,
0.3318

 8.0420, 0.5288,
0.3181

 110.9001, 0.4037,
0.3321

 4.1218, 0.5776,
0.3067

140.9806, 0.3966,
0.3323

 1.7419, 0.6663,
0.2906

176.0610, 0.3905,
0.3324

 0.4506, 0.7904,
0.2096


216.5257, 0.3853,


 0.0000, 1.0000,


0.3324


0.0000


262.7589, 0.3807,
0.3324


 0.0000, 0.0000,
0.0000

 32.8881, 0.4495,
0.3294


 32.8881, 0.4495,
0.3294


 27.3281, 0.4954,
0.3295


 39.9959, 0.4095,
0.3293


 23.1960, 0.5437,
0.3297


 48.7493, 0.3762,
0.3292


 20.3632, 0.5883,
0.3298

 59.2442, 0.3494,
0.3291

 18.6752, 0.6212,
0.3299

 71.5678, 0.3279,
0.3290

 17.9035, 0.6384,
0.3300

 85.8011, 0.3107,
0.3290

■ 17.8315, 0.6401,
0.3300

■ 96.5714, 0.3011,
0.3290

Harmonies

Analogous

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



32.8881, 0.3914, 0.2774



32.8881, 0.4495, 0.3294



32.8881, 0.4634, 0.3857

Triad

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



32.8881, 0.4495, 0.3294



32.8881, 0.2976, 0.4527



32.8881, 0.1988, 0.2171

Complementary

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



32.8881, 0.4495, 0.3294



70.1073, 0.2487, 0.3288

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.



32.8881, 0.1812, 0.2457



32.8881, 0.4495, 0.3294



32.8881, 0.2325, 0.3856

Square

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



32.8881, 0.4495, 0.3294



32.8881, 0.3707, 0.4689



32.8881, 0.1920, 0.3048



32.8881, 0.2438, 0.2157

Rectangle

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



32.8881, 0.4495, 0.3294



32.8881, 0.4468, 0.4218



32.8881, 0.1920, 0.3048



32.8881, 0.1898, 0.2234

Sweetspot

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



32.8898, 0.4495, 0.3294



75.7537, 0.3409, 0.3291



37.5646, 0.3182, 0.2113



15.5729, 0.3457, 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.



32.8898, 0.4495, 0.3294



32.8600, 0.4931, 0.3295



51.2529, 0.4144, 0.3929



15.0541, 0.3293, 0.3291



9.8298, 0.6401, 0.3300



0.7719, 0.6401, 0.3300

Inverse Universe

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



70.1073, 0.2487, 0.3288



81.8717, 0.2405, 0.3288



42.1622, 0.2343, 0.2530



17.1219, 0.2981, 0.3290



36.4061, 0.2247, 0.3287



2.8588, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 32.8881, 0.4495, 0.3294 looks on a white background.

Color Contrast Check

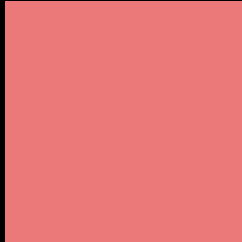
Large Text (above 18pt) WCAG AA × Fail

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 32.8881, 0.4495, 0.3294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

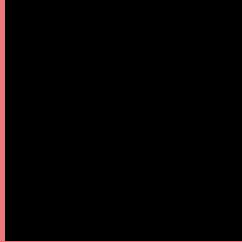
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8881, 0.4495, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 32.8881, 0.4495, 0.3294.



This preview shows how white text looks on a background with the Yxy color 32.8881, 0.4495, 0.3294.

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

32.8881, 0.4495, 0.3294

Protanopia

33.0354, 0.3378, 0.3561

Deuteranopia

32.9462, 0.3838, 0.3756



Tritanopia

32.9960, 0.4424, 0.3206

Trichromacy



Original Color

32.8881, 0.4495, 0.3294

Protanomaly

32.2308, 0.3771, 0.3457

Deuteranomaly

32.4698, 0.4078, 0.3566

Tritanomaly

32.9181, 0.4462, 0.3239

Monochromacy



Original Color

32.8881, 0.4495, 0.3294

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.8184, 0.3574, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8881, 0.4495, 0.3294 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(236, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(236, 121, 121)  
}
```

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(236, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 121, 121) }
```

Border

The CSS property to change the border of an element to Yxy 32.8881, 0.4495, 0.3294 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(236, 121, 121) }
```

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

```
.border{ border-color:rgb(236, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(236, 121,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8881, 0.4495, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 121, 121) }
```

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

```
.background{ background-color: rgb(236,  
121, 121) }
```

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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