

Converting Colors

Yxy(32.9358, 0.4392, 0.3291)

Have a look what the booklet for
Yxy(32.9358, 0.4392, 0.3291)
contains.

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Color

Yxy(32.8595, 0.4390, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	E77C7C
RGB	231, 124, 124
RGB Percent	91%, 49%, 49%
CMY	0.0943, 0.5136, 0.5137
CMYK	0.00, 0.46, 0.46, 0.09
HSL	0°, 69%, 70%
HSV	0°, 46%, 91%
XYZ	43.7927, 32.8595, 23.1034
YIQ	155.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

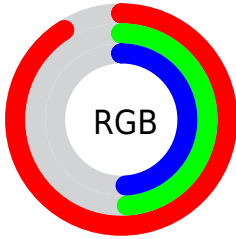
Format	Color
R _Y B	231, 124, 124
Decimal	15170684
CIE Lab	64.05, 41.15, 18.72
CIE LCh	64, 45.210, 24.464
Yxy	32.8595, 0.4390, 0.3294
Android (android.graphics.Color)	4293360764 (0xFFE77C7C)
YUV	155.9930, -15.7725, 65.7811
Hunter-Lab	57.3232, 36.0515, 16.2302

Details

The Yxy color **32.8595, 0.4390, 0.3294** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **67.1702, 0.2511, 0.3288**, and the grayscale version is **33.2955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2354, 0.3829, 0.3313**, and **13.9134, 0.4817, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **27.2164, 0.4836, 0.3295**, and if you desaturate by 10%, it is **39.9977, 0.4007, 0.3293**.

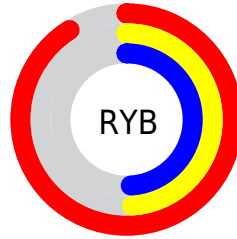
Distribution



Red (91%)

Green (49%)

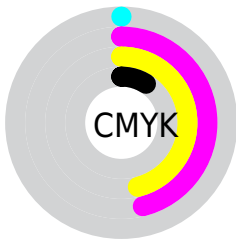
Blue (49%)



Red (91%)

Yellow (49%)

Blue (49%)

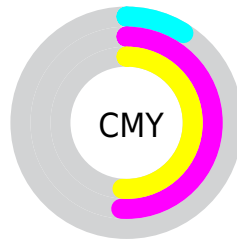


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (9%)



Cyan (9%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8595, 0.4390, 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 32.8595, 0.4390, 0.3294 by changing the saturation by 10% instead.

 32.8595, 0.4390,
0.3294


 32.8595, 0.4390,
0.3294


315.0162, 0.3716,
0.3319

 22.0188, 0.4570,
0.3277


 64.1561, 0.4136,
0.3310

 13.8707, 0.4807,
0.3249


 85.3808, 0.4043,
0.3314

 8.0308, 0.5131,
0.3197


 110.8357, 0.3966,
0.3317

 4.1147, 0.5594,
0.3099

140.9052, 0.3901,
0.3318

 1.7379, 0.6404,
0.2945

175.9735, 0.3845,
0.3319

 0.4480, 0.7789,
0.2211

216.4252, 0.3796,

 0.0000, 1.0000,

0.3319

0.0000

262.6446, 0.3754,
0.3319

■ 0.0000, 0.0000,
0.0000

■ 32.8595, 0.4390,
0.3294

■ 32.8595, 0.4390,
0.3294

■ 27.2164, 0.4836,
0.3295

■ 39.9977, 0.4007,
0.3293

■ 22.9578, 0.5317,
0.3297

■ 48.7214, 0.3691,
0.3292

■ 19.9657, 0.5779,
0.3298


■ 59.1198, 0.3437,
0.3291

■ 18.1006, 0.6144,
0.3299

■ 71.2740, 0.3234,
0.3290

■ 17.1881, 0.6351,
0.3300

■ 85.2599, 0.3072,
0.3290

 16.9846, 0.6401,
0.3300

 95.7233, 0.2981,
0.3290

Harmonies

Analogous

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



32.8595, 0.3848, 0.2802



32.8595, 0.4390, 0.3294



32.8595, 0.4531, 0.3825

Triad

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



32.8595, 0.4390, 0.3294



32.8595, 0.3005, 0.4434



32.8595, 0.2054, 0.2245

Complementary

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



32.8595, 0.4390, 0.3294



67.1702, 0.2511, 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.



32.8595, 0.1892, 0.2524



32.8595, 0.4390, 0.3294



32.8595, 0.2391, 0.3826

Square

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



32.8595, 0.4390, 0.3294



32.8595, 0.3687, 0.4586



32.8595, 0.2002, 0.3082



32.8595, 0.2477, 0.2224

Rectangle

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



32.8595, 0.4390, 0.3294



32.8595, 0.4386, 0.4161



32.8595, 0.2002, 0.3082



32.8595, 0.1971, 0.2308

Sweetspot

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



32.8612, 0.4390, 0.3294



77.2148, 0.3387, 0.3291



37.1666, 0.3180, 0.2166



15.8607, 0.3435, 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.



32.8612, 0.4390, 0.3294



34.0750, 0.4835, 0.3295



50.0743, 0.4080, 0.3898



14.3686, 0.3293, 0.3291



9.5252, 0.6401, 0.3300



0.7041, 0.6400, 0.3300

Inverse Universe

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



67.1702, 0.2511, 0.3288



82.1744, 0.2421, 0.3287



41.6886, 0.2382, 0.2576



16.3358, 0.2982, 0.3290



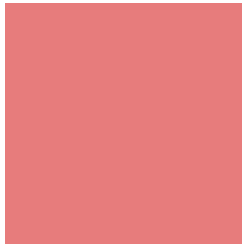
35.2562, 0.2246, 0.3287



2.6055, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 32.8595, 0.4390, 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 32.8595, 0.4390, 0.3294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

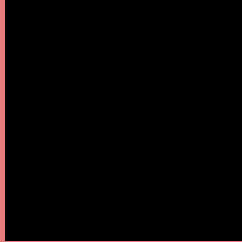
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8595, 0.4390, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 32.8595, 0.4390, 0.3294.



This preview shows how white text looks on a background with the Yxy color 32.8595, 0.4390, 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

32.8595, 0.4390, 0.3294

Protanopia

32.9882, 0.3349, 0.3531

Deuteranopia

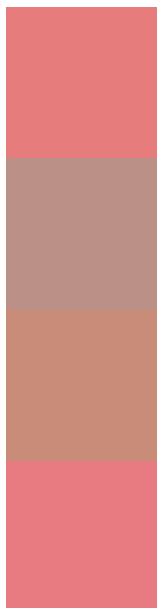
32.9182, 0.3786, 0.3701



Tritanopia

32.9877, 0.4308, 0.3191

Trichromacy



Original Color

32.8595, 0.4390, 0.3294

Protanomaly

32.2325, 0.3701, 0.3431

Deuteranomaly

32.4160, 0.4006, 0.3544

Tritanomaly

32.9067, 0.4345, 0.3226

Monochromacy



Original Color

32.8595, 0.4390, 0.3294

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.0274, 0.3549, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8595, 0.4390, 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(231, 124, 124)` looks like.

```
.text, #text, p{  
    color:rgb(231, 124, 124)  
}
```

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, 124, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 124, 124) }
```

Border

The CSS property to change the border of an element to Yxy 32.8595, 0.4390, 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(231, 124, 124) }
```

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

```
.border{ border-color:rgb(231, 124, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 124, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 124, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 124, 124);  
box-shadow:4px 4px 4px 4px rgb(231, 124,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8595, 0.4390, 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(231, 124, 124) }
```

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

```
.background{ background-color: rgb(231,  
124, 124) }
```

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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