

Converting Colors

$Y_{xy}(32.2710, 0.4624, 0.3316)$

Have a look what the booklet for
Yxy(32.2710, 0.4624, 0.3316)
contains.

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Color

Yxy(32.3111, 0.4623, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	EF7573
RGB	239, 117, 115
RGB Percent	94%, 46%, 45%
CMY	0.0628, 0.5411, 0.5490
CMYK	0.00, 0.51, 0.52, 0.06
HSL	1°, 79%, 69%
HSV	1°, 52%, 94%
XYZ	45.0465, 32.3111, 20.0824
YIQ	153.2500, 73.3540, 25.2420

Conversions

Conversions Part 2

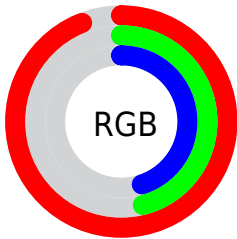
Format	Color
R_{YB}	239, 117, 115
Decimal	15693171
CIE _{Lab}	63.60, 46.73, 23.39
CIE _{LCh}	64, 52.261, 26.593
Yxy	32.3111, 0.4623, 0.3316
Android (android.graphics.Color)	4293883251 (0xFFEF7573)
YUV	153.2500, -18.8573, 75.2027
Hunter-Lab	56.8429, 41.9817, 18.8430

Details

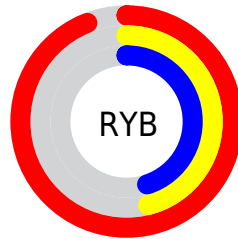
The Yxy color **32.3111, 0.4623, 0.3316** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **70.4165, 0.2452, 0.3263**, and the grayscale version is **32.0325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5551, 0.3933, 0.3345**, and **13.5370, 0.5104, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **27.0235, 0.5090, 0.3319**, and if you desaturate by 10%, it is **39.1199, 0.4207, 0.3311**.

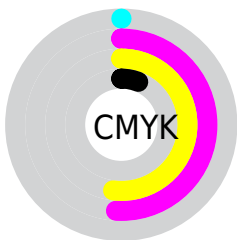
Distribution



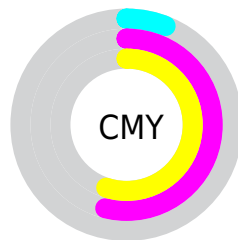
- Red (94%)
- Green (46%)
- Blue (45%)



- Red (94%)
- Yellow (46%)
- Blue (45%)



- Cyan (0%)
- Magenta (51%)
- Yellow (52%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3111, 0.4623, 0.3316 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 32.3111, 0.4623, 0.3316 by changing the saturation by 10% instead.

 32.3111, 0.4623,
0.3316


 32.3111, 0.4623,
0.3316


312.5340, 0.3825,
0.3342


 21.5992, 0.4834,
0.3294


 63.2985, 0.4323,
0.3336

 13.5627, 0.5110,
0.3256


 84.3428, 0.4213,
0.3340

 7.8172, 0.5482,
0.3187


 109.6000, 0.4122,
0.3342

 3.9782, 0.6001,
0.3055

139.4546, 0.4044,
0.3343

 1.6614, 0.7075,
0.2919

174.2909, 0.3977,
0.3344

 0.3985, 0.8117,
0.1883

214.4933, 0.3920,


 0.0000, 1.0000,


0.3343


0.0000


260.4462, 0.3869,
0.3343


 0.0000, 0.0000,
0.0000


 32.3111, 0.4623,
0.3316


 32.3111, 0.4623,
0.3316


 27.0235, 0.5090,
0.3319

 39.1199, 0.4207,
0.3311

 23.1358, 0.5567,
0.3319

 47.5489, 0.3856,
0.3306


 20.5167, 0.5985,
0.3316

 57.6949, 0.3571,
0.3301

 19.0076, 0.6271,
0.3310

 69.6453, 0.3341,
0.3296

 18.4312, 0.6392,
0.3307

 83.4820, 0.3157,
0.3291

 97.0865, 0.3029,
0.3290

Harmonies

Analogous

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



32.3111, 0.4017, 0.2764



32.3111, 0.4623, 0.3316



32.3111, 0.4735, 0.3913

Triad

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



32.3111, 0.4623, 0.3316



32.3111, 0.2913, 0.4609



32.3111, 0.1932, 0.2089

Complementary

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



32.3111, 0.4623, 0.3316



70.4165, 0.2452, 0.3263

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.



32.3111, 0.1731, 0.2368



32.3111, 0.4623, 0.3316



32.3111, 0.2232, 0.3852

Square

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



32.3111, 0.4623, 0.3316



32.3111, 0.3695, 0.4805



32.3111, 0.1824, 0.2977



32.3111, 0.2423, 0.2091

Rectangle

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



32.3111, 0.4623, 0.3316



32.3111, 0.4534, 0.4298



32.3111, 0.1824, 0.2977



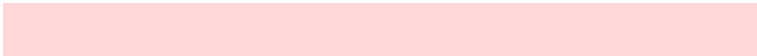
32.3111, 0.1833, 0.2148

Sweetspot

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



32.3128, 0.4623, 0.3316



74.6578, 0.3431, 0.3298



36.8390, 0.3185, 0.2048



15.3697, 0.3478, 0.3299



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.



32.3128, 0.4623, 0.3316



31.1361, 0.5106, 0.3319



51.0243, 0.4229, 0.3967



15.8001, 0.3293, 0.3294



10.2061, 0.6389, 0.3309



0.8635, 0.6357, 0.3334

Inverse Universe

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



70.4165, 0.2452, 0.3263



79.6407, 0.2369, 0.3258



41.3154, 0.2294, 0.2470



17.8821, 0.2981, 0.3286



36.3307, 0.2233, 0.3238



3.0364, 0.2235, 0.3245

Previews

White Background



This preview shows how the Yxy color 32.3111, 0.4623, 0.3316 looks on a white background.

Color Contrast Check

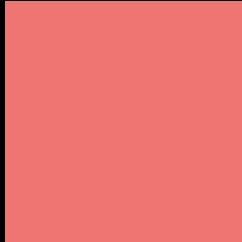
Large Text (above 18pt) WCAG AA × Fail

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 32.3111, 0.4623, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

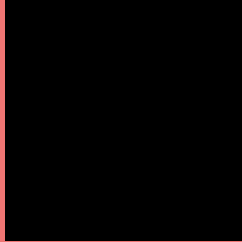
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3111, 0.4623, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 32.3111, 0.4623, 0.3316.



This preview shows how white text looks on a background with the Yxy color 32.3111, 0.4623, 0.3316.

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

32.3111, 0.4623, 0.3316

Protanopia

32.4585, 0.3419, 0.3624

Deuteranopia

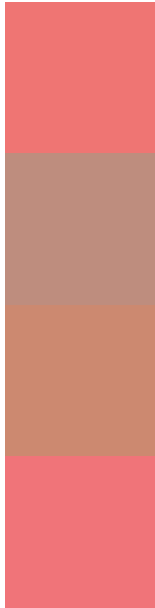
32.4959, 0.3905, 0.3826



Tritanopia

32.4713, 0.4527, 0.3208

Trichromacy



Original Color

32.3111, 0.4623, 0.3316

Protanomaly

31.5033, 0.3835, 0.3499

Deuteranomaly

31.8985, 0.4168, 0.3616

Tritanomaly

32.3965, 0.4565, 0.3241

Monochromacy



Original Color

32.3111, 0.4623, 0.3316

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8106, 0.3627, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3111, 0.4623, 0.3316 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(239, 117, 115)` looks like.

```
.text, #text, p{  
    color:rgb(239, 117, 115)  
}
```

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(239, 117, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 117, 115) }
```

Border

The CSS property to change the border of an element to Yxy 32.3111, 0.4623, 0.3316 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(239, 117, 115) }
```

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

```
.border{ border-color:rgb(239, 117, 115) }
```

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

Here you see how a box with a 4 pixel rgb(239, 117, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 117, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 117, 115);  
box-shadow:4px 4px 4px 4px rgb(239, 117,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3111, 0.4623, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 117, 115) }
```

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

```
.background{ background-color: rgb(239,  
117, 115) }
```

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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