

Converting Colors

$Y_{xy}(32.7043, 0.4557, 0.3318)$

Have a look what the booklet for
Yxy(32.7043, 0.4557, 0.3318)
contains.

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Color

Yxy(32.7455, 0.4548, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	ED7876
RGB	237, 120, 118
RGB Percent	93%, 47%, 46%
CMY	0.0706, 0.5294, 0.5373
CMYK	0.00, 0.49, 0.50, 0.07
HSL	1°, 77%, 70%
HSV	1°, 50%, 93%
XYZ	44.9115, 32.7455, 21.0930
YIQ	154.7550, 70.3740, 24.1820

Conversions

Conversions Part 2

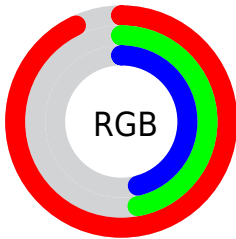
Format	Color
R _Y B	237, 120, 118
Decimal	15562870
CIE Lab	63.95, 44.81, 22.13
CIE LCh	64, 49.977, 26.281
Yxy	32.7455, 0.4548, 0.3316
Android (android.graphics.Color)	4293752950 (0xFFED7876)
YUV	154.7550, -18.1202, 72.1289
Hunter-Lab	57.2237, 39.9527, 18.2019

Details

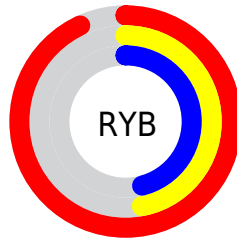
The Yxy color **32.7455, 0.4548, 0.3316** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **69.3787, 0.2468, 0.3264**, and the grayscale version is **32.7240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8222, 0.3894, 0.3345**, and **13.8036, 0.5012, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **27.3134, 0.5008, 0.3320**, and if you desaturate by 10%, it is **39.6859, 0.4143, 0.3311**.

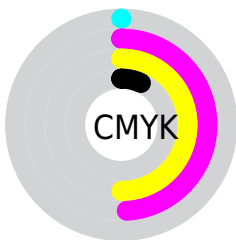
Distribution



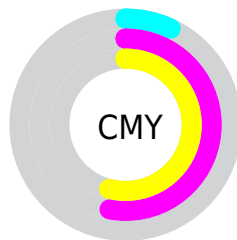
- Red (93%)
- Green (47%)
- Blue (46%)



- Red (93%)
- Yellow (47%)
- Blue (46%)



- Cyan (0%)
- Magenta (49%)
- Yellow (50%)
- Black (7%)




- Cyan (7%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7455, 0.4548, 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 32.7455, 0.4548, 0.3316 by changing the saturation by 10% instead.


 32.7455, 0.4548,
0.3316


 32.7455, 0.4548,
0.3316


314.5014, 0.3791,
0.3338

 21.9316, 0.4749,
0.3297


 63.9780, 0.4263,
0.3333

 13.8066, 0.5011,
0.3264


 85.1653, 0.4159,
0.3337

 7.9863, 0.5367,
0.3202


 110.5792, 0.4072,
0.3339

 4.0862, 0.5866,
0.3084

140.6041, 0.3999,
0.3340

 1.7219, 0.6830,
0.2940

175.6244, 0.3935,
0.3340

 0.4378, 0.7955,
0.2045

216.0244, 0.3881,


 0.0000, 1.0000,


0.3339


0.0000


262.1886, 0.3833,
0.3339


 0.0000, 0.0000,
0.0000

 32.7455, 0.4548,
0.3316

 32.7455, 0.4548,
0.3316


 27.3134, 0.5008,
0.3320


 39.6859, 0.4143,
0.3311

 23.2730, 0.5487,
0.3320


 48.2298, 0.3804,
0.3306

 20.4992, 0.5920,
0.3318


 58.4702, 0.3528,
0.3300

 18.8421, 0.6234,
0.3311

 70.4921, 0.3307,
0.3295

 18.0912, 0.6392,
0.3307

 84.3743, 0.3130,
0.3290

 96.7444, 0.3017,
0.3290

Harmonies

Analogous

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



32.7455, 0.3968, 0.2783



32.7455, 0.4548, 0.3316



32.7455, 0.4665, 0.3891

Triad

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



32.7455, 0.4548, 0.3316



32.7455, 0.2936, 0.4543



32.7455, 0.1977, 0.2140

Complementary

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



32.7455, 0.4548, 0.3316



69.3787, 0.2468, 0.3264

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.



32.7455, 0.1785, 0.2416



32.7455, 0.4548, 0.3316



32.7455, 0.2280, 0.3834

Square

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



32.7455, 0.4548, 0.3316



32.7455, 0.3685, 0.4731



32.7455, 0.1881, 0.3005



32.7455, 0.2448, 0.2137

Rectangle

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



32.7455, 0.4548, 0.3316



32.7455, 0.4480, 0.4259



32.7455, 0.1881, 0.3005



32.7455, 0.1882, 0.2199

Sweetspot

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



32.7472, 0.4548, 0.3316



76.0863, 0.3408, 0.3297



36.9606, 0.3202, 0.2098



15.6515, 0.3456, 0.3298



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.



32.7472, 0.4548, 0.3316



32.2371, 0.5009, 0.3320



51.7468, 0.4172, 0.3968



15.0947, 0.3293, 0.3295



9.8961, 0.6388, 0.3310



0.7915, 0.6354, 0.3337

Inverse Universe

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



69.3787, 0.2468, 0.3264



79.9298, 0.2383, 0.3258



40.8276, 0.2314, 0.2474



17.0757, 0.2981, 0.3286



35.1780, 0.2232, 0.3236



2.7763, 0.2234, 0.3244

Previews

White Background



This preview shows how the Yxy color 32.7455, 0.4548, 0.3316 looks on a white background.

Color Contrast Check

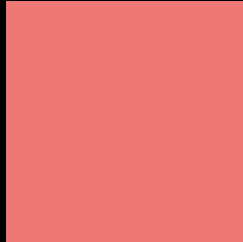
Large Text (above 18pt) WCAG AA × Fail

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 32.7455, 0.4548, 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 32.7455, 0.4548, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 32.7455, 0.4548, 0.3316.



This preview shows how white text looks on a background with the Yxy color 32.7455, 0.4548, 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

32.7455, 0.4548, 0.3316

Protanopia

32.9505, 0.3408, 0.3607

Deuteranopia

32.8775, 0.3869, 0.3798



Tritanopia

32.9031, 0.4452, 0.3207

Trichromacy



Original Color

32.7455, 0.4548, 0.3316

Protanomaly

31.8517, 0.3808, 0.3485

Deuteranomaly

32.1113, 0.4118, 0.3592

Tritanomaly

32.8260, 0.4490, 0.3240

Monochromacy



Original Color

32.7455, 0.4548, 0.3316

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.6133, 0.3599, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7455, 0.4548, 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(237, 120, 118)` looks like.

```
.text, #text, p{  
    color:rgb(237, 120, 118)  
}
```

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(237, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 120, 118) }
```

Border

The CSS property to change the border of an element to Yxy 32.7455, 0.4548, 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(237, 120, 118) }
```

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

```
.border{ border-color:rgb(237, 120, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 120, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 120, 118);  
box-shadow:4px 4px 4px 4px rgb(237, 120,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7455, 0.4548, 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(237, 120, 118) }
```

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

```
.background{ background-color: rgb(237,  
120, 118) }
```

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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