

Converting Colors

$Y_{xy}(33.1409, 0.4646, 0.3425)$

Have a look what the booklet for
Yxy(33.1409, 0.4646, 0.3425)
contains.

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Color

Yxy(33.2220, 0.4640, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	EE7A6E
RGB	238, 122, 110
RGB Percent	93%, 48%, 43%
CMY	0.0667, 0.5215, 0.5685
CMYK	0.00, 0.49, 0.54, 0.07
HSL	6°, 79%, 68%
HSV	6°, 54%, 93%
XYZ	45.0336, 33.2220, 18.7996
YIQ	155.3160, 72.9880, 20.8600

Conversions

Conversions Part 2

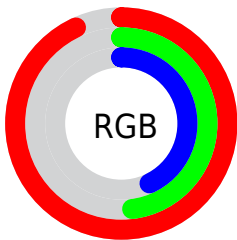
Format	Color
R _Y B	238, 123, 110
Decimal	15628910
CIE Lab	64.34, 43.50, 27.15
CIE LCh	64, 51.278, 31.969
Yxy	33.2220, 0.4640, 0.3423
Android (android.graphics.Color)	4293818990 (0xFFEE7A6E)
YUV	155.3160, -22.3408, 72.5139
Hunter-Lab	57.6385, 38.5966, 21.0087

Details

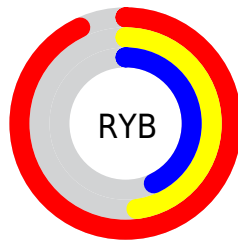
The Yxy color **33.2220, 0.4640, 0.3423** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.8909, 0.2410, 0.3138**, and the grayscale version is **33.0048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3129, 0.3960, 0.3450**, and **14.0752, 0.5116, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **28.0501, 0.5087, 0.3434**, and if you desaturate by 10%, it is **39.7122, 0.4237, 0.3402**.

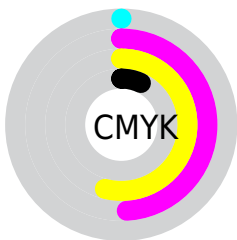
Distribution



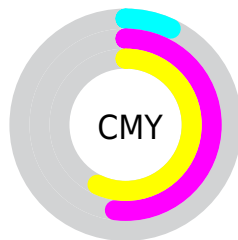
- Red (93%)
- Green (48%)
- Blue (43%)



- Red (93%)
- Yellow (48%)
- Blue (43%)



- Cyan (0%)
- Magenta (49%)
- Yellow (54%)
- Black (7%)





- Cyan (7%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2220, 0.4640, 0.3423 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 33.2220, 0.4640, 0.3423 by changing the saturation by 10% instead.


 33.2220, 0.4640,
0.3423


 33.2220, 0.4640,
0.3423


316.6489, 0.3838,
0.3397


 22.2966, 0.4850,
0.3413


 64.7220, 0.4340,
0.3425


 14.0750, 0.5122,
0.3389


 86.0653, 0.4230,
0.3422

 8.1728, 0.5485,
0.3336


 111.6500, 0.4137,
0.3419

 4.2057, 0.5983,
0.3222

 141.8606, 0.4059,
0.3414

 1.7893, 0.6923,
0.3077

177.0814, 0.3992,
0.3410

 0.4805, 0.7813,
0.2187

217.6968, 0.3934,


 0.0000, 1.0000,


0.3406


0.0000


264.0911, 0.3883,
0.3401

 0.0000, 0.0000,
0.0000

 33.2220, 0.4640,
0.3423


 33.2220, 0.4640,
0.3423


 28.0501, 0.5087,
0.3434

 39.7122, 0.4237,
0.3402


 24.1012, 0.5541,
0.3431

 47.5972, 0.3893,
0.3377

 21.2754, 0.5944,
0.3409

 56.9535, 0.3609,
0.3350

 19.4550, 0.6230,
0.3370

 67.8509, 0.3377,
0.3324

 18.7604, 0.6342,
0.3347

 80.3546, 0.3188,
0.3299

■ 94.5259, 0.3036,
0.3276

■ 96.9159, 0.3023,
0.3290

Harmonies

Analogous

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



33.2220, 0.4125, 0.2869



33.2220, 0.4640, 0.3423



33.2220, 0.4661, 0.4008

Triad

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



33.2220, 0.4640, 0.3423



33.2220, 0.2790, 0.4468



33.2220, 0.2025, 0.2099

Complementary

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



33.2220, 0.4640, 0.3423



63.8909, 0.2410, 0.3138

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.



33.2220, 0.1777, 0.2321



33.2220, 0.4640, 0.3423



33.2220, 0.2162, 0.3678

Square

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



33.2220, 0.4640, 0.3423



33.2220, 0.3551, 0.4772



33.2220, 0.1816, 0.2859



33.2220, 0.2557, 0.2145

Rectangle

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



33.2220, 0.4640, 0.3423



33.2220, 0.4418, 0.4372



33.2220, 0.1816, 0.2859



33.2220, 0.1911, 0.2141

Sweetspot

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



33.2237, 0.4640, 0.3423



76.2779, 0.3426, 0.3330



34.8989, 0.3290, 0.2097



15.7493, 0.3472, 0.3335



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.



33.2237, 0.4640, 0.3423



32.0407, 0.5155, 0.3435



53.8649, 0.4211, 0.4097



15.9967, 0.3291, 0.3313



10.5477, 0.6327, 0.3358



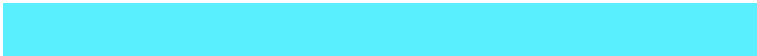
0.9576, 0.6166, 0.3486

Inverse Universe

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



63.8909, 0.2410, 0.3138



71.3740, 0.2312, 0.3101



35.8082, 0.2234, 0.2284



17.6612, 0.2981, 0.3267



30.8674, 0.2165, 0.2994



2.6410, 0.2177, 0.3036

Previews

White Background



This preview shows how the Yxy color 33.2220, 0.4640, 0.3423 looks on a white background.

Color Contrast Check

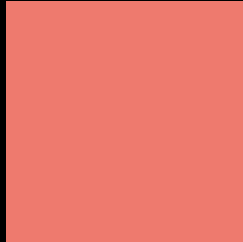
Large Text (above 18pt) WCAG AA × Fail

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 33.2220, 0.4640, 0.3423 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 33.2220, 0.4640, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 33.2220, 0.4640, 0.3423.



This preview shows how white text looks on a background with the Yxy color 33.2220, 0.4640, 0.3423.

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

33.2220, 0.4640, 0.3423

Protanopia

33.3646, 0.3524, 0.3754

Deuteranopia

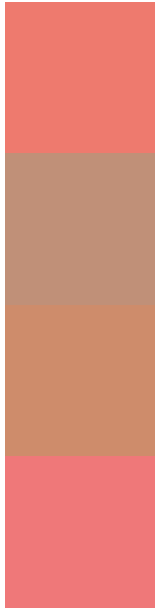
33.3974, 0.3977, 0.3912



Tritanopia

33.1029, 0.4450, 0.3196

Trichromacy



Original Color

33.2220, 0.4640, 0.3423

Protanomaly

32.5091, 0.3909, 0.3620

Deuteranomaly

32.9395, 0.4225, 0.3713

Tritanomaly

33.1641, 0.4531, 0.3283

Monochromacy



Original Color

33.2220, 0.4640, 0.3423

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.8233, 0.3628, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2220, 0.4640, 0.3423 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(238, 122, 110)` looks like.

```
.text, #text, p{  
    color:rgb(238, 122, 110)  
}
```

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(238, 122, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 122, 110) }
```

Border

The CSS property to change the border of an element to Yxy 33.2220, 0.4640, 0.3423 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(238, 122, 110) }
```

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

```
.border{ border-color:rgb(238, 122, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 122, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 122, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 122, 110);  
box-shadow:4px 4px 4px 4px rgb(238, 122,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2220, 0.4640, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 122, 110) }
```

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

```
.background{ background-color: rgb(238,  
122, 110) }
```

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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