

Converting Colors

$Y_{xy}(33.6140, 0.4450, 0.3253)$

Have a look what the booklet for
Yxy(33.6140, 0.4450, 0.3253)
contains.

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Color

Yxy(33.6026, 0.4448, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	EE7A7E
RGB	238, 122, 126
RGB Percent	93%, 48%, 49%
CMY	0.0666, 0.5216, 0.5059
CMYK	0.00, 0.49, 0.47, 0.07
HSL	358°, 77%, 71%
HSV	358°, 49%, 93%
XYZ	45.9890, 33.6026, 23.8010
YIQ	157.1400, 67.8520, 25.8360

Conversions

Conversions Part 2

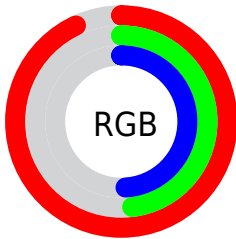
Format	Color
R _Y B	238, 122, 126
Decimal	15628926
CIE Lab	64.65, 44.92, 18.57
CIE LCh	65, 48.606, 22.456
Yxy	33.6026, 0.4448, 0.3250
Android (android.graphics.Color)	4293819006 (0xFFEE7A7E)
YUV	157.1400, -15.3520, 70.9142
Hunter-Lab	57.9677, 40.1704, 16.2335

Details

The Yxy color **33.6026, 0.4448, 0.3250** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **71.2359, 0.2504, 0.3337**, and the grayscale version is **33.8313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9590, 0.3805, 0.3271**, and **14.2570, 0.4882, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **27.9313, 0.4893, 0.3246**, and if you desaturate by 10%, it is **40.8446, 0.4062, 0.3257**.

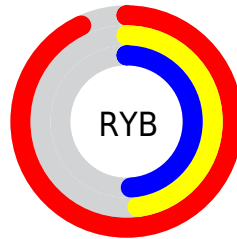
Distribution



Red (93%)

Green (48%)

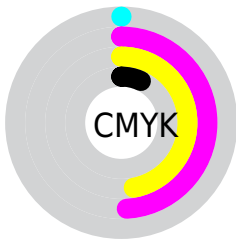
Blue (49%)



Red (93%)

Yellow (48%)

Blue (49%)

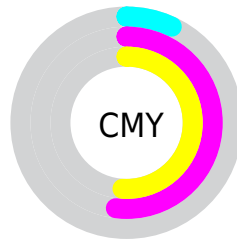


Cyan (0%)

Magenta (49%)

Yellow (47%)

Black (7%)



Cyan (7%)


Magenta (52%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6026, 0.4448, 0.3250 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 33.6026, 0.4448, 0.3250 by changing the saturation by 10% instead.


 33.6026, 0.4448,
0.3250


 33.6026, 0.4448,
0.3250


318.3564, 0.3746,
0.3299

 22.5885, 0.4634,
0.3227


 65.3152, 0.4184,
0.3276

 14.2899, 0.4878,
0.3190


 86.7825, 0.4088,
0.3283

 8.3226, 0.5211,
0.3127


 112.5029, 0.4007,
0.3288

 4.3021, 0.5682,
0.3014

142.8609, 0.3939,
0.3292

 1.8439, 0.6460,
0.2824

178.2409, 0.3880,
0.3295

 0.5143, 0.7802,
0.2198

219.0272, 0.3830,

 0.0000, 1.0000,

0.3297


0.0000


265.6042, 0.3785,
0.3298

 0.0000, 0.0000,
0.0000

 33.6026, 0.4448,
0.3250

 33.6026, 0.4448,
0.3250

 27.9313, 0.4893,
0.3246


 40.8446, 0.4062,
0.3257


 23.7098, 0.5368,
0.3248


 49.7563, 0.3741,
0.3265


 20.8079, 0.5816,
0.3256


 60.4347, 0.3482,
0.3274


 19.0699, 0.6163,
0.3270

 72.9677, 0.3274,
0.3283

 18.2689, 0.6358,
0.3285

 87.4376, 0.3108,
0.3291

 18.1976, 0.6374,
0.3285

 96.9196, 0.3023,
0.3290

Harmonies

Analogous

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



33.6026, 0.3845, 0.2741



33.6026, 0.4448, 0.3250



33.6026, 0.4626, 0.3808

Triad

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



33.6026, 0.4448, 0.3250



33.6026, 0.3038, 0.4548



33.6026, 0.1973, 0.2194

Complementary

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



33.6026, 0.4448, 0.3250



71.2359, 0.2504, 0.3337

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.



33.6026, 0.1821, 0.2503



33.6026, 0.4448, 0.3250



33.6026, 0.2379, 0.3917

Square

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



33.6026, 0.4448, 0.3250



33.6026, 0.3760, 0.4664



33.6026, 0.1953, 0.3112



33.6026, 0.2398, 0.2159

Rectangle

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



33.6026, 0.4448, 0.3250



33.6026, 0.4485, 0.4169



33.6026, 0.1953, 0.3112



33.6026, 0.1891, 0.2264

Sweetspot

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



33.6043, 0.4448, 0.3250



75.8226, 0.3400, 0.3277



37.2838, 0.3128, 0.2092



15.5892, 0.3446, 0.3276



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.



33.6043, 0.4448, 0.3250



32.9707, 0.4868, 0.3246



49.9360, 0.4179, 0.3868



15.7677, 0.3288, 0.3282



10.1549, 0.6364, 0.3280



0.8479, 0.6269, 0.3227

Inverse Universe

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



33.6043, 0.4448, 0.3250



32.9707, 0.4868, 0.3246



45.3476, 0.2358, 0.2609



15.7677, 0.3288, 0.3282



10.1549, 0.6364, 0.3280



0.8479, 0.6269, 0.3227

Previews

White Background



This preview shows how the Yxy color 33.6026, 0.4448, 0.3250 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 33.6026, 0.4448, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

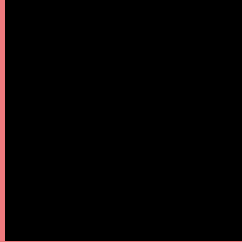
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6026, 0.4448, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 33.6026, 0.4448, 0.3250.



This preview shows how white text looks on a background with the Yxy color 33.6026, 0.4448, 0.3250.

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

33.6026, 0.4448, 0.3250

Protanopia

33.8836, 0.3317, 0.3499

Deuteranopia

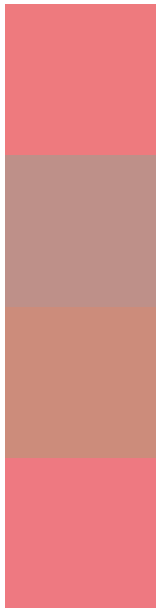
33.7040, 0.3777, 0.3713



Tritanopia

33.4636, 0.4404, 0.3195

Trichromacy



Original Color

33.6026, 0.4448, 0.3250

Protanomaly

32.6998, 0.3701, 0.3388

Deuteranomaly

33.0236, 0.4027, 0.3513

Tritanomaly

33.4369, 0.4416, 0.3206

Monochromacy



Original Color

33.6026, 0.4448, 0.3250

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.4609, 0.3560, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6026, 0.4448, 0.3250 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(238, 122, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 122, 126) }
```

Border

The CSS property to change the border of an element to Yxy 33.6026, 0.4448, 0.3250 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, 126) }
```

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

```
.border{ border-color:rgb(238, 122, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 122, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 122, 126);  
box-shadow:4px 4px 4px 4px rgb(238, 122,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6026, 0.4448, 0.3250 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, 126) }
```

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

```
.background{ background-color: rgb(238,  
122, 126) }
```

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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