

Converting Colors

$Y_{xy}(33.1253, 0.4542, 0.3452)$

Have a look what the booklet for
Yxy(33.1253, 0.4542, 0.3452)
contains.

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Color

Yxy(33.2252, 0.4543, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	E87E6F
RGB	232, 126, 111
RGB Percent	91%, 49%, 44%
CMY	0.0902, 0.5059, 0.5646
CMYK	0.00, 0.46, 0.52, 0.09
HSL	7°, 72%, 67%
HSV	7°, 52%, 91%
XYZ	43.6123, 33.2252, 19.1614
YIQ	155.9840, 67.9910, 17.8070

Conversions

Conversions Part 2

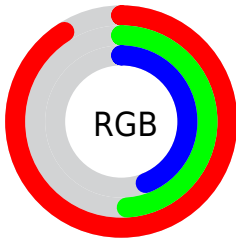
Format	Color
R _Y B	232, 128, 111
Decimal	15236719
CIE Lab	64.34, 39.34, 26.44
CIE LCh	64, 47.406, 33.906
Yxy	33.2252, 0.4543, 0.3461
Android (android.graphics.Color)	4293426799 (0xFFE87E6F)
YUV	155.9840, -22.1771, 66.6660
Hunter-Lab	57.6413, 34.1835, 20.6395

Details

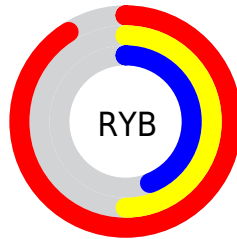
The Yxy color **33.2252, 0.4543, 0.3461** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **58.8540, 0.2417, 0.3096**, and the grayscale version is **33.3179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5469, 0.3939, 0.3471**, and **14.0271, 0.4999, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **28.0989, 0.4972, 0.3479**, and if you desaturate by 10%, it is **39.5441, 0.4160, 0.3432**.

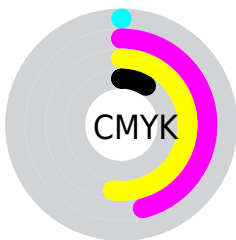
Distribution



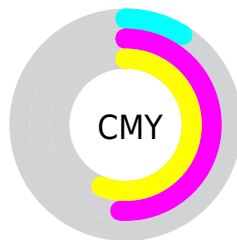
- Red (91%)
- Green (49%)
- Blue (44%)



- Red (91%)
- Yellow (50%)
- Blue (44%)



- Cyan (0%)
- Magenta (46%)
- Yellow (52%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.2252, 0.4543, 0.3461 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 33.2252, 0.4543, 0.3461 by changing the saturation by 10% instead.


 33.2252, 0.4543,
0.3461


 33.2252, 0.4543,
0.3461


316.6633, 0.3791,
0.3411

 22.2990, 0.4741,
0.3459


 64.7270, 0.4261,
0.3453


 14.0768, 0.4998,
0.3446


 86.0713, 0.4158,
0.3447

 8.1741, 0.5342,
0.3410


 111.6572, 0.4072,
0.3440

 4.2065, 0.5819,
0.3320

 141.8690, 0.3998,
0.3434

 1.7898, 0.6766,
0.3234

177.0911, 0.3935,
0.3427

 0.4808, 0.7643,
0.2357

217.7080, 0.3881,

 0.0000, 1.0000,

0.3421

0.0000

264.1039, 0.3833,
0.3416

0.0000, 0.0000,
0.0000

33.2252, 0.4543,
0.3461

33.2252, 0.4543,
0.3461

28.0989, 0.4972,
0.3479

39.5441, 0.4160,
0.3432

24.0850, 0.5419,
0.3480

47.1188, 0.3834,
0.3398

21.1019, 0.5831,
0.3458

56.0142, 0.3563,
0.3363

19.0540, 0.6148,
0.3413

66.2892, 0.3342,
0.3329

18.0218, 0.6309,
0.3373

77.9990, 0.3161,
0.3297

■ 91.1960, 0.3014,
0.3267

■ 95.8973, 0.2988,
0.3290

Harmonies

Analogous

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



33.2252, 0.4092, 0.2933



33.2252, 0.4543, 0.3461



33.2252, 0.4541, 0.4009

Triad

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



33.2252, 0.4543, 0.3461



33.2252, 0.2778, 0.4331



33.2252, 0.2122, 0.2171

Complementary

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



33.2252, 0.4543, 0.3461



58.8540, 0.2417, 0.3096

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.



33.2252, 0.1869, 0.2369



33.2252, 0.4543, 0.3461



33.2252, 0.2202, 0.3599

Square

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



33.2252, 0.4543, 0.3461



33.2252, 0.3486, 0.4654



33.2252, 0.1891, 0.2856



33.2252, 0.2640, 0.2227

Rectangle

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



33.2252, 0.4543, 0.3461



33.2252, 0.4306, 0.4338



33.2252, 0.1891, 0.2856



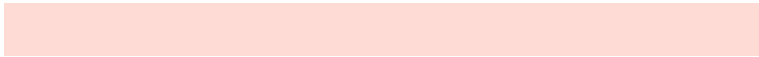
33.2252, 0.2007, 0.2207

Sweetspot

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



33.2269, 0.4543, 0.3461



76.9180, 0.3424, 0.3342



33.5889, 0.3325, 0.2164



15.8996, 0.3469, 0.3349



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.



33.2269, 0.4543, 0.3461



34.1606, 0.5025, 0.3481



53.2691, 0.4145, 0.4116



14.6538, 0.3289, 0.3320



10.1014, 0.6291, 0.3387



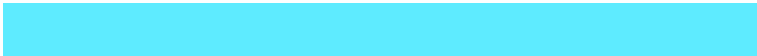
0.8408, 0.6072, 0.3561

Inverse Universe

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



58.8540, 0.2417, 0.3096



69.1046, 0.2313, 0.3048



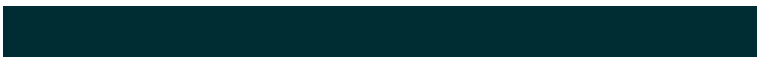
33.4591, 0.2250, 0.2264



16.0160, 0.2982, 0.3260



27.1503, 0.2138, 0.2896



2.0922, 0.2155, 0.2958

Previews

White Background



This preview shows how the Yxy color 33.2252, 0.4543, 0.3461 looks on a white background.

Color Contrast Check

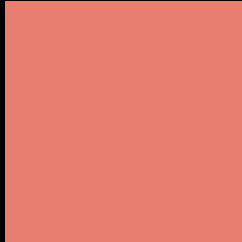
Large Text (above 18pt) WCAG AA × Fail

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 33.2252, 0.4543, 0.3461 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 33.2252, 0.4543, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 33.2252, 0.4543, 0.3461.



This preview shows how white text looks on a background with the Yxy color 33.2252, 0.4543, 0.3461.

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

33.2252, 0.4543, 0.3461

Protanopia

33.3392, 0.3533, 0.3769

Deuteranopia

33.4390, 0.3957, 0.3885



Tritanopia

33.1555, 0.4318, 0.3192

Trichromacy



Original Color

33.2252, 0.4543, 0.3461

Protanomaly

32.5299, 0.3892, 0.3650

Deuteranomaly

32.8290, 0.4176, 0.3719

Tritanomaly

33.1942, 0.4411, 0.3294

Monochromacy



Original Color

33.2252, 0.4543, 0.3461

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.3346, 0.3600, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2252, 0.4543, 0.3461 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(232, 126, 111)` looks like.

```
.text, #text, p{  
    color:rgb(232, 126, 111)  
}
```

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(232, 126, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 126, 111) }
```

Border

The CSS property to change the border of an element to Yxy 33.2252, 0.4543, 0.3461 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(232, 126, 111) }
```

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

```
.border{ border-color:rgb(232, 126, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 126, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 126, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 126, 111);  
box-shadow:4px 4px 4px 4px rgb(232, 126,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2252, 0.4543, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 126, 111) }
```

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

```
.background{ background-color: rgb(232,  
126, 111) }
```

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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