

Converting Colors

$Y_{xy}(33.1709, 0.4782, 0.3461)$

Have a look what the booklet for
Yxy(33.1709, 0.4782, 0.3461)
contains.

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Color

Yxy(33.0502, 0.4781, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	F27767
RGB	242, 119, 103
RGB Percent	95%, 47%, 40%
CMY	0.0509, 0.5334, 0.5961
CMYK	0.00, 0.51, 0.57, 0.05
HSL	7°, 84%, 68%
HSV	7°, 57%, 95%
XYZ	45.6685, 33.0502, 16.8021
YIQ	153.9530, 78.4440, 21.1000

Conversions

Conversions Part 2

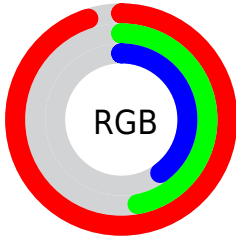
Format	Color
R _Y B	242, 121, 103
Decimal	15890279
CIE Lab	64.20, 45.92, 31.00
CIE LCh	64, 55.408, 34.025
Yxy	33.0502, 0.4781, 0.3460
Android (android.graphics.Color)	4294080359 (0xFFFF27767)
YUV	153.9530, -25.1198, 77.2172
Hunter-Lab	57.4893, 41.1910, 22.9141

Details

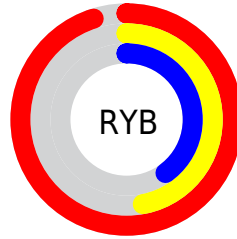
The Yxy color **33.0502, 0.4781, 0.3460** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **63.7010, 0.2367, 0.3088**, and the grayscale version is **32.3794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8652, 0.4046, 0.3503**, and **14.0057, 0.5294, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **28.0986, 0.5229, 0.3469**, and if you desaturate by 10%, it is **39.2944, 0.4366, 0.3438**.

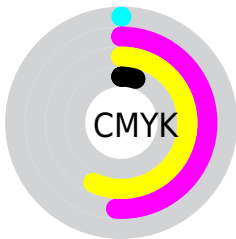
Distribution



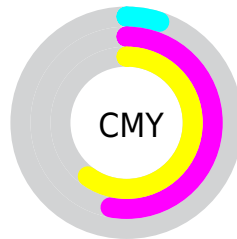
- Red (95%)
- Green (47%)
- Blue (40%)



- Red (95%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (51%)
- Yellow (57%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0502, 0.4781, 0.3460 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 33.0502, 0.4781, 0.3460 by changing the saturation by 10% instead.


 33.0502, 0.4781,
0.3460


 33.0502, 0.4781,
0.3460


315.8759, 0.3906,
0.3426


 22.1649, 0.5007,
0.3448


 64.4539, 0.4456,
0.3462

 13.9781, 0.5298,
0.3419


 85.7411, 0.4335,
0.3458

 8.1054, 0.5680,
0.3355


 111.2644, 0.4234,
0.3453

 4.1625, 0.6198,
0.3221

 141.4081, 0.4149,
0.3448

 1.7649, 0.7017,
0.2983

176.5568, 0.4075,
0.3442

 0.4651, 0.7936,
0.2064

217.0947, 0.4012,

 0.0000, 1.0000,

0.3436

0.0000

263.4062, 0.3956,
0.3431

■ 0.0000, 0.0000,
0.0000

■ 33.0502, 0.4781,
0.3460

■ 33.0502, 0.4781,
0.3460

■ 28.0986, 0.5229,
0.3469

■ 39.2944, 0.4366,
0.3438

■ 24.3437, 0.5667,
0.3458

■ 46.9079, 0.4006,
0.3408

■ 21.6847, 0.6035,
0.3424


■ 55.9673, 0.3703,
0.3375

■ 20.0005, 0.6276,
0.3373

■ 66.5424, 0.3455,
0.3343

■ 19.7047, 0.6321,
0.3363

■ 78.6981, 0.3253,
0.3312

 92.4958, 0.3088,
0.3283

 97.6212, 0.3048,
0.3290

Harmonies

Analogous

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



33.0502, 0.4259, 0.2871



33.0502, 0.4781, 0.3460



33.0502, 0.4755, 0.4081

Triad

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



33.0502, 0.4781, 0.3460



33.0502, 0.2701, 0.4533



33.0502, 0.1978, 0.2013

Complementary

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



33.0502, 0.4781, 0.3460



63.7010, 0.2367, 0.3088

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.



33.0502, 0.1696, 0.2220



33.0502, 0.4781, 0.3460



33.0502, 0.2052, 0.3640

Square

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



33.0502, 0.4781, 0.3460



33.0502, 0.3512, 0.4899



33.0502, 0.1713, 0.2764



33.0502, 0.2560, 0.2082

Rectangle

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



33.0502, 0.4781, 0.3460



33.0502, 0.4468, 0.4473



33.0502, 0.1713, 0.2764



33.0502, 0.1851, 0.2048

Sweetspot

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



33.0520, 0.4781, 0.3460



75.4353, 0.3446, 0.3342



34.1884, 0.3326, 0.2049



15.5996, 0.3492, 0.3348



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.



33.0520, 0.4781, 0.3460



30.8053, 0.5308, 0.3468



55.1514, 0.4285, 0.4167



16.0516, 0.3290, 0.3318



10.6820, 0.6304, 0.3377



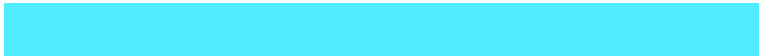
0.9838, 0.6116, 0.3526

Inverse Universe

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



63.7010, 0.2367, 0.3088



68.1596, 0.2271, 0.3041



33.9558, 0.2167, 0.2167



17.6002, 0.2981, 0.3262



29.4514, 0.2146, 0.2924



2.5374, 0.2160, 0.2976

Previews

White Background



This preview shows how the Yxy color 33.0502, 0.4781, 0.3460 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 33.0502, 0.4781, 0.3460 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 33.0502, 0.4781, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 33.0502, 0.4781, 0.3460.



This preview shows how white text looks on a background with the Yxy color 33.0502, 0.4781, 0.3460.

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

33.0502, 0.4781, 0.3460

Protanopia

33.3004, 0.3602, 0.3858

Deuteranopia

33.1956, 0.4074, 0.3985



Tritanopia

33.0007, 0.4556, 0.3210

Trichromacy



Original Color

33.0502, 0.4781, 0.3460

Protanomaly

32.3065, 0.4012, 0.3698

Deuteranomaly

32.5070, 0.4335, 0.3768

Tritanomaly

33.0382, 0.4649, 0.3305

Monochromacy



Original Color

33.0502, 0.4781, 0.3460

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.2381, 0.3690, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0502, 0.4781, 0.3460 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(242, 119, 103)` looks like.

```
.text, #text, p{  
    color:rgb(242, 119, 103)  
}
```

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(242, 119, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 119, 103) }
```

Border

The CSS property to change the border of an element to Yxy 33.0502, 0.4781, 0.3460 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(242, 119, 103) }
```

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

```
.border{ border-color:rgb(242, 119, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 119, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 119, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 119, 103);  
box-shadow:4px 4px 4px 4px rgb(242, 119,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0502, 0.4781, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 119, 103) }
```

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

```
.background{ background-color: rgb(242,  
119, 103) }
```

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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