

Converting Colors

Yxy(33.0549, 0.4378, 0.3363)

Have a look what the booklet for
Yxy(33.0549, 0.4378, 0.3363)
contains.

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Color

Yxy(33.0532, 0.4378, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	E47F79
RGB	228, 127, 121
RGB Percent	89%, 50%, 47%
CMY	0.1060, 0.5019, 0.5255
CMYK	0.00, 0.44, 0.47, 0.11
HSL	3°, 66%, 68%
HSV	3°, 47%, 89%
XYZ	43.0291, 33.0532, 22.2026
YIQ	156.5150, 62.1220, 19.5460

Conversions

Conversions Part 2

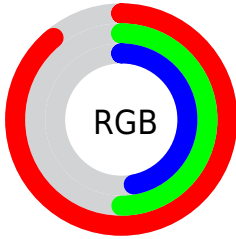
Format	Color
R _{YB}	228, 127, 121
Decimal	14974841
CIE Lab	64.20, 38.22, 20.56
CIE LCh	64, 43.398, 28.285
Yxy	33.0532, 0.4378, 0.3363
Android (android.graphics.Color)	4293164921 (0xFFE47F79)
YUV	156.5150, -17.5089, 62.6923
Hunter-Lab	57.4919, 32.9853, 17.3474

Details

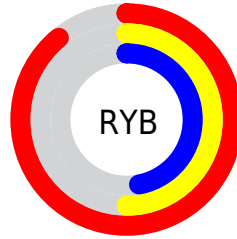
The Yxy color **33.0532, 0.4378, 0.3363** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.8830, 0.2491, 0.3212**, and the grayscale version is **33.5492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3249, 0.3846, 0.3376**, and **13.9350, 0.4802, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **27.5824, 0.4808, 0.3374**, and if you desaturate by 10%, it is **39.8461, 0.4006, 0.3348**.

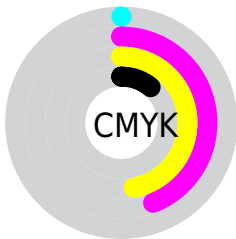
Distribution



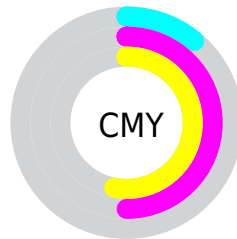
- Red (89%)
- Green (50%)
- Blue (47%)



- Red (89%)
- Yellow (50%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (47%)
- Black (11%)





- Cyan (11%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0532, 0.4378, 0.3363 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 33.0532, 0.4378, 0.3363 by changing the saturation by 10% instead.


 33.0532, 0.4378,
0.3363

 33.0532, 0.4378,
0.3363


315.8894, 0.3711,
0.3353


 22.1672, 0.4556,
0.3355


 64.4586, 0.4127,
0.3367

 13.9798, 0.4790,
0.3337


 85.7467, 0.4035,
0.3366

 8.1066, 0.5108,
0.3299


 111.2711, 0.3959,
0.3364

 4.1633, 0.5562,
0.3219

141.4160, 0.3894,
0.3362

 1.7653, 0.6403,
0.3113

176.5659, 0.3838,
0.3360

 0.4654, 0.7627,
0.2373

217.1052, 0.3790,


 0.0000, 1.0000,


0.3357


0.0000

263.4182, 0.3748,
0.3355


 0.0000, 0.0000,
0.0000


 33.0532, 0.4378,
0.3363


 33.0532, 0.4378,
0.3363

 27.5824, 0.4808,
0.3374


 39.8461, 0.4006,
0.3348


 23.3429, 0.5274,
0.3378


 48.0339, 0.3698,
0.3332


 20.2406, 0.5726,
0.3372

 57.6903, 0.3446,
0.3315

 18.1657, 0.6095,
0.3354

 68.8823, 0.3244,
0.3300

 16.9859, 0.6323,
0.3329

 81.6728, 0.3081,
0.3286

 16.7728, 0.6369,
0.3325

 95.2294, 0.2964,
0.3290

Harmonies

Analogous

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



33.0532, 0.3900, 0.2878



33.0532, 0.4378, 0.3363



33.0532, 0.4462, 0.3876

Triad

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



33.0532, 0.4378, 0.3363



33.0532, 0.2931, 0.4327



33.0532, 0.2132, 0.2268

Complementary

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



33.0532, 0.4378, 0.3363



61.8830, 0.2491, 0.3212

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.



33.0532, 0.1942, 0.2507



33.0532, 0.4378, 0.3363



33.0532, 0.2360, 0.3712

Square

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



33.0532, 0.4378, 0.3363



33.0532, 0.3589, 0.4539



33.0532, 0.2015, 0.3013



33.0532, 0.2572, 0.2276

Rectangle

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



33.0532, 0.4378, 0.3363



33.0532, 0.4294, 0.4189



33.0532, 0.2015, 0.3013



33.0532, 0.2040, 0.2319

Sweetspot

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



33.0549, 0.4378, 0.3363



78.2664, 0.3384, 0.3311



35.4728, 0.3231, 0.2200



16.1122, 0.3432, 0.3314



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.



33.0549, 0.4378, 0.3363



35.9238, 0.4782, 0.3374



50.4467, 0.4064, 0.3964



14.4974, 0.3291, 0.3304



9.7423, 0.6358, 0.3333



0.7661, 0.6243, 0.3425

Inverse Universe

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



61.8830, 0.2491, 0.3212



77.1782, 0.2401, 0.3194



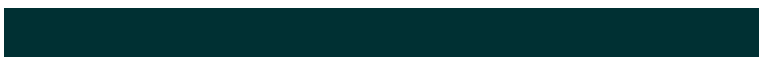
38.0933, 0.2359, 0.2489



16.1901, 0.2982, 0.3276



31.4086, 0.2198, 0.3114



2.3636, 0.2206, 0.3141

Previews

White Background



This preview shows how the Yxy color 33.0532, 0.4378, 0.3363 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 33.0532, 0.4378, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

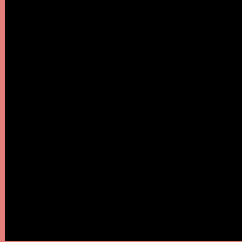
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0532, 0.4378, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 33.0532, 0.4378, 0.3363.



This preview shows how white text looks on a background with the Yxy color 33.0532, 0.4378, 0.3363.

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

33.0532, 0.4378, 0.3363

Protanopia

33.4187, 0.3406, 0.3605

Deuteranopia

33.2874, 0.3823, 0.3755



Tritanopia

33.0465, 0.4242, 0.3189

Trichromacy



Original Color

33.0532, 0.4378, 0.3363

Protanomaly

32.4273, 0.3741, 0.3501

Deuteranomaly

32.9334, 0.4029, 0.3609

Tritanomaly

33.1647, 0.4298, 0.3259

Monochromacy



Original Color

33.0532, 0.4378, 0.3363

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.6387, 0.3543, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0532, 0.4378, 0.3363 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(228, 127, 121)` looks like.

```
.text, #text, p{  
    color:rgb(228, 127, 121)  
}
```

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(228, 127, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 127, 121) }
```

Border

The CSS property to change the border of an element to Yxy 33.0532, 0.4378, 0.3363 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(228, 127, 121) }
```

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

```
.border{ border-color:rgb(228, 127, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 127, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 127, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 127, 121);  
box-shadow:4px 4px 4px 4px rgb(228, 127,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0532, 0.4378, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 127, 121) }
```

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

```
.background{ background-color: rgb(228,  
127, 121) }
```

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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