

Converting Colors

$Yxy(33.0044, 0.4258, 0.3293)$

Have a look what the booklet for
Yxy(33.0044, 0.4258, 0.3293)
contains.

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Color

Yxy(33.0044, 0.4258, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	E18080
RGB	225, 128, 128
RGB Percent	88%, 50%, 50%
CMY	0.1175, 0.4981, 0.4980
CMYK	0.00, 0.43, 0.43, 0.12
HSL	360°, 62%, 69%
HSV	360°, 43%, 88%
XYZ	42.6762, 33.0044, 24.5453
YIQ	157.0030, 57.8120, 20.5640

Conversions

Conversions Part 2

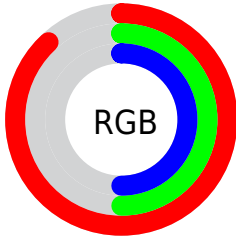
Format	Color
R _Y B	225, 128, 128
Decimal	14778496
CIE Lab	64.16, 37.33, 16.49
CIE LCh	64, 40.815, 23.835
Yxy	33.0044, 0.4258, 0.3293
Android (android.graphics.Color)	4292968576 (0xFFE18080)
YUV	157.0030, -14.2985, 59.6334
Hunter-Lab	57.4495, 32.0618, 14.8829

Details

The Yxy color **33.0044, 0.4258, 0.3293** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.8964, 0.2544, 0.3289**, and the grayscale version is **33.7645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0521, 0.3772, 0.3302**, and **13.8404, 0.4630, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **27.2450, 0.4684, 0.3294**, and if you desaturate by 10%, it is **40.2001, 0.3898, 0.3292**.

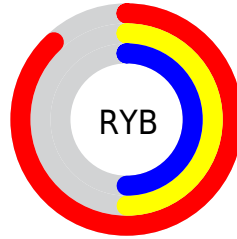
Distribution



Red (88%)

Green (50%)

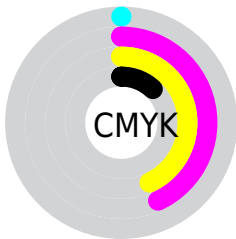
Blue (50%)



Red (88%)

Yellow (50%)

Blue (50%)

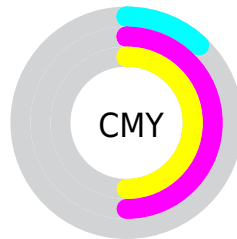


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (12%)



Cyan (12%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.0044, 0.4258, 0.3293 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 33.0044, 0.4258, 0.3293 by changing the saturation by 10% instead.


 33.0044, 0.4258,
0.3293


 33.0044, 0.4258,
0.3293


315.6696, 0.3655,
0.3313


 22.1298, 0.4420,
0.3280


 64.3824, 0.4030,
0.3306

 13.9523, 0.4634,
0.3257


 85.6546, 0.3947,
0.3309

 8.0875, 0.4929,
0.3216


 111.1615, 0.3878,
0.3311

 4.1510, 0.5355,
0.3136

141.2874, 0.3819,
0.3312

 1.7584, 0.6065,
0.2992

176.4168, 0.3769,
0.3313

 0.4610, 0.7598,
0.2402

216.9340, 0.3726,

 0.0000, 1.0000,

0.3313

0.0000

263.2235, 0.3688,
0.3313

0.0000, 0.0000,
0.0000

33.0044, 0.4258,
0.3293

33.0044, 0.4258,
0.3293

27.2450, 0.4684,
0.3294

40.2001, 0.3898,
0.3292

22.8210, 0.5158,
0.3296

48.9142, 0.3603,
0.3291

19.6267, 0.5633,
0.3297


59.2283, 0.3367,
0.3291


17.5379, 0.6038,
0.3298

71.2171, 0.3178,
0.3290

16.4047, 0.6301,
0.3299

84.9503, 0.3027,
0.3290

 16.0140, 0.6401,
0.3300

 94.7538, 0.2946,
0.3289

Harmonies

Analogous

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



33.0044, 0.3766, 0.2839



33.0044, 0.4258, 0.3293



33.0044, 0.4400, 0.3782

Triad

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



33.0044, 0.4258, 0.3293



33.0044, 0.3037, 0.4316



33.0044, 0.2141, 0.2341

Complementary

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



33.0044, 0.4258, 0.3293



63.8964, 0.2544, 0.3289

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.



33.0044, 0.1996, 0.2609



33.0044, 0.4258, 0.3293



33.0044, 0.2473, 0.3785

Square

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



33.0044, 0.4258, 0.3293



33.0044, 0.3657, 0.4456



33.0044, 0.2107, 0.3124



33.0044, 0.2528, 0.2313

Rectangle

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



33.0044, 0.4258, 0.3293



33.0044, 0.4279, 0.4086



33.0044, 0.2107, 0.3124



33.0044, 0.2065, 0.2402

Sweetspot

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



33.0061, 0.4258, 0.3293



78.6893, 0.3366, 0.3291



36.6269, 0.3161, 0.2232



16.1505, 0.3414, 0.3291



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.



33.0061, 0.4258, 0.3293



36.6934, 0.4649, 0.3294



48.1901, 0.4005, 0.3839



13.7006, 0.3292, 0.3290



9.2244, 0.6400, 0.3300



0.6394, 0.6400, 0.3299

Inverse Universe

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



33.0061, 0.4258, 0.3293



36.6934, 0.4649, 0.3294



41.9179, 0.2438, 0.2658



13.7006, 0.3292, 0.3290



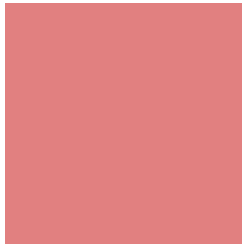
9.2244, 0.6400, 0.3300



0.6394, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 33.0044, 0.4258, 0.3293 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 33.0044, 0.4258, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

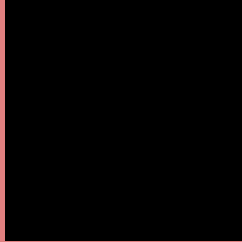
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0044, 0.4258, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 33.0044, 0.4258, 0.3293.



This preview shows how white text looks on a background with the Yxy color 33.0044, 0.4258, 0.3293.

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

33.0044, 0.4258, 0.3293

Protanopia

33.0771, 0.3320, 0.3486

Deuteranopia

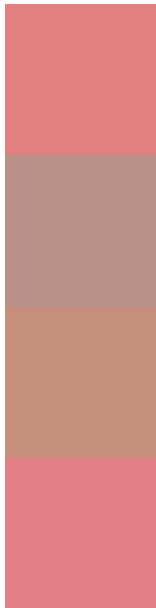
33.2130, 0.3729, 0.3660



Tritanopia

33.1251, 0.4176, 0.3188

Trichromacy



Original Color

33.0044, 0.4258, 0.3293

Protanomaly

32.3712, 0.3643, 0.3404

Deuteranomaly

32.8324, 0.3930, 0.3519

Tritanomaly

33.0409, 0.4213, 0.3223

Monochromacy



Original Color

33.0044, 0.4258, 0.3293

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.5782, 0.3511, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0044, 0.4258, 0.3293 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(225, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(225, 128, 128)  
}
```

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(225, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 128, 128) }
```

Border

The CSS property to change the border of an element to Yxy 33.0044, 0.4258, 0.3293 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(225, 128, 128) }
```

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

```
.border{ border-color:rgb(225, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 128, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 128, 128); box-shadow:4px 4px 4px 4px rgb(225, 128, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0044, 0.4258, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 128, 128) }
```

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

```
.background{ background-color: rgb(225,  
128, 128) }
```

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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