

Converting Colors

$Y_{xy}(36.3785, 0.4302, 0.3293)$

Have a look what the booklet for
Yxy(36.3785, 0.4302, 0.3293)
contains.

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Color

Yxy(36.4730, 0.4293, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	ED8585
RGB	237, 133, 133
RGB Percent	93%, 52%, 52%
CMY	0.0706, 0.4784, 0.4783
CMYK	0.00, 0.44, 0.44, 0.07
HSL	360°, 74%, 73%
HSV	360°, 44%, 93%
XYZ	47.5489, 36.4730, 26.7373
YIQ	164.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

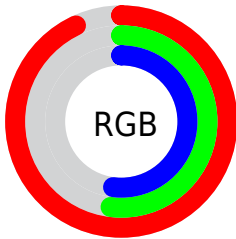
Format	Color
R _Y B	237, 133, 133
Decimal	15566213
CIE Lab	66.88, 39.68, 17.65
CIE LCh	67, 43.431, 23.985
Yxy	36.4730, 0.4293, 0.3293
Android (android.graphics.Color)	4293756293 (0xFFED8585)
YUV	164.0960, -15.3303, 63.9368
Hunter-Lab	60.3929, 34.8502, 16.0260

Details

The Yxy color **36.4730, 0.4293, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.6691, 0.2535, 0.3289**, and the grayscale version is **37.2267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7716, 0.3711, 0.3313**, and **15.9899, 0.4659, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **30.1182, 0.4726, 0.3294**, and if you desaturate by 10%, it is **44.4431, 0.3926, 0.3292**.

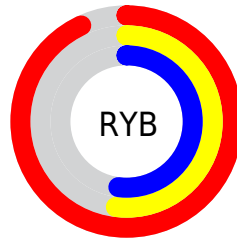
Distribution



Red (93%)

Green (52%)

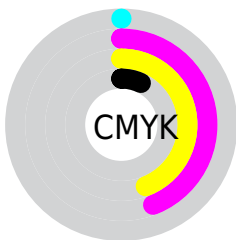
Blue (52%)



Red (93%)

Yellow (52%)

Blue (52%)

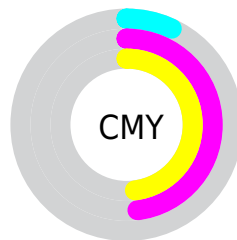


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (7%)



Cyan (7%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.4730, 0.4293, 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 36.4730, 0.4293, 0.3293 by changing the saturation by 10% instead.

 36.4730, 0.4293,
0.3293


 36.4730, 0.4293,
0.3293


331.0232, 0.3681,
0.3314


 24.7997, 0.4454,
0.3279


 69.7615, 0.4064,
0.3307

 15.9279, 0.4663,
0.3256


 92.1455, 0.3980,
0.3310

 9.4732, 0.4948,
0.3216


 118.8686, 0.3910,
0.3312

 5.0511, 0.5351,
0.3141

150.3151, 0.3850,
0.3313

 2.2773, 0.5959,
0.2990

186.8694, 0.3799,
0.3314

 0.7616, 0.7253,
0.2747

228.9159, 0.3754,

 0.0000, 1.0000,

0.3314

0.0000

276.8391, 0.3715,
0.3315

0.0000, 0.0000,
0.0000

36.4730, 0.4293,
0.3293

36.4730, 0.4293,
0.3293

30.1182, 0.4726,
0.3294

44.4431, 0.3926,
0.3292

25.2633, 0.5203,
0.3296

54.1224, 0.3625,
0.3291

21.7868, 0.5677,
0.3297

65.6043, 0.3384,
0.3291

19.5457, 0.6072,
0.3298

78.9737, 0.3191,
0.3290

18.3660, 0.6319,
0.3299

94.3102, 0.3037,
0.3290

 18.0052, 0.6400,
0.3300

 96.7450, 0.3017,
0.3290

Harmonies

Analogous

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



36.4730, 0.3787, 0.2829



36.4730, 0.4293, 0.3293



36.4730, 0.4435, 0.3793

Triad

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



36.4730, 0.4293, 0.3293



36.4730, 0.3029, 0.4348



36.4730, 0.2118, 0.2315

Complementary

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



36.4730, 0.4293, 0.3293



71.6691, 0.2535, 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.



36.4730, 0.1968, 0.2586



36.4730, 0.4293, 0.3293



36.4730, 0.2452, 0.3797

Square

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



36.4730, 0.4293, 0.3293



36.4730, 0.3666, 0.4491



36.4730, 0.2079, 0.3113



36.4730, 0.2514, 0.2289

Rectangle

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



36.4730, 0.4293, 0.3293



36.4730, 0.4308, 0.4106



36.4730, 0.2079, 0.3113



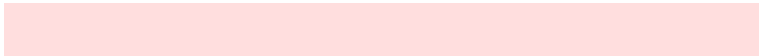
36.4730, 0.2039, 0.2377

Sweetspot

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



36.4749, 0.4293, 0.3293



78.6894, 0.3366, 0.3291



40.5980, 0.3162, 0.2212



16.1506, 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.



36.4749, 0.4293, 0.3293



36.0104, 0.4695, 0.3294



53.6764, 0.4027, 0.3850



15.0541, 0.3293, 0.3290



9.8299, 0.6400, 0.3299



0.7719, 0.6399, 0.3299

Inverse Universe

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



36.4749, 0.4293, 0.3293



36.0104, 0.4695, 0.3294



46.5297, 0.2424, 0.2643



15.0541, 0.3293, 0.3290



9.8299, 0.6400, 0.3299



0.7719, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 36.4730, 0.4293, 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 36.4730, 0.4293, 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 36.4730, 0.4293, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 36.4730, 0.4293, 0.3293.



This preview shows how white text looks on a background with the Yxy color 36.4730, 0.4293, 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

36.4730, 0.4293, 0.3293

Protanopia

36.8786, 0.3329, 0.3506

Deuteranopia

36.7753, 0.3744, 0.3671



Tritanopia

36.6028, 0.4215, 0.3193

Trichromacy



Original Color

36.4730, 0.4293, 0.3293

Protanomaly

35.9090, 0.3652, 0.3412

Deuteranomaly

36.2014, 0.3953, 0.3522

Tritanomaly

36.5146, 0.4250, 0.3227

Monochromacy



Original Color

36.4730, 0.4293, 0.3293

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.1587, 0.3516, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4730, 0.4293, 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(237, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(237, 133, 133)  
}
```

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(237, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 133, 133) }
```

Border

The CSS property to change the border of an element to Yxy 36.4730, 0.4293, 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(237, 133, 133) }
```

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

```
.border{ border-color:rgb(237, 133, 133) }
```

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

Here you see how a box with a 4 pixel rgb(237, 133, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(237, 133,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4730, 0.4293, 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(237, 133, 133) }
```

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

```
.background{ background-color: rgb(237,  
133, 133) }
```

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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