

Converting Colors

Yxy(34.2345, 0.4197, 0.3280)

Have a look what the booklet for
Yxy(34.2345, 0.4197, 0.3280)
contains.

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Color

Yxy(34.0948, 0.4192, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	E28385
RGB	226, 131, 133
RGB Percent	89%, 51%, 52%
CMY	0.1138, 0.4862, 0.4785
CMYK	0.00, 0.42, 0.41, 0.11
HSL	359°, 62%, 70%
HSV	359°, 42%, 89%
XYZ	43.7081, 34.0948, 26.4626
YIQ	159.6330, 55.9780, 20.7620

Conversions

Conversions Part 2

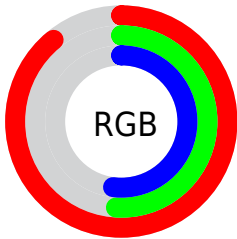
Format	Color
R _Y B	226, 131, 133
Decimal	14844805
CIE Lab	65.04, 36.63, 14.91
CIE LCh	65, 39.549, 22.146
Yxy	34.0948, 0.4192, 0.3270
Android (android.graphics.Color)	4293034885 (0xFFE28385)
YUV	159.6330, -13.1301, 58.2039
Hunter-Lab	58.3908, 31.4314, 14.0034

Details

The Yxy color **34.0948, 0.4192, 0.3270** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.5901, 0.2565, 0.3313**, and the grayscale version is **35.0198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5031, 0.3720, 0.3281**, and **14.5569, 0.4544, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **28.1243, 0.4603, 0.3267**, and if you desaturate by 10%, it is **41.5212, 0.3847, 0.3274**.

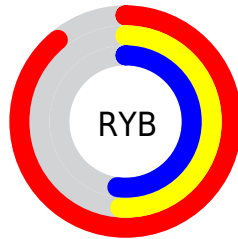
Distribution



Red (89%)

Green (51%)

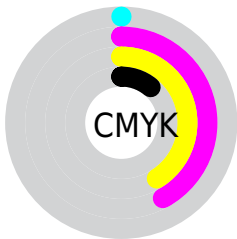
Blue (52%)



Red (89%)

Yellow (51%)

Blue (52%)

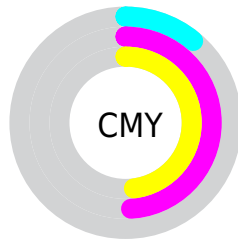


Cyan (0%)

Magenta (42%)

Yellow (41%)

Black (11%)



Cyan (11%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0948, 0.4192, 0.3270 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 34.0948, 0.4192, 0.3270 by changing the saturation by 10% instead.

 34.0948, 0.4192,
0.3270


 34.0948, 0.4192,
0.3270


320.5546, 0.3627,
0.3299

 22.9664, 0.4343,
0.3256


 66.0811, 0.3979,
0.3286

 14.5687, 0.4542,
0.3232


 87.7078, 0.3901,
0.3290

 8.5173, 0.4816,
0.3192


 113.6027, 0.3836,
0.3293

 4.4277, 0.5213,
0.3118

144.1502, 0.3782,
0.3295

 1.9156, 0.5835,
0.2970

179.7348, 0.3735,
0.3297

 0.5577, 0.7378,
0.2622

220.7408, 0.3694,


 0.0000, 1.0000,


0.3298


0.0000


267.5526, 0.3658,
0.3298

 0.0000, 0.0000,
0.0000


 34.0948, 0.4192,
0.3270


 34.0948, 0.4192,
0.3270

 28.1243, 0.4603,
0.3267


 41.5212, 0.3847,
0.3274


 23.5096, 0.5066,
0.3266


 50.4850, 0.3565,
0.3279


 20.1459, 0.5541,
0.3269


 61.0677, 0.3339,
0.3284


 17.9110, 0.5962,
0.3276

 73.3435, 0.3159,
0.3289

 16.6581, 0.6257,
0.3286

 87.3821, 0.3015,
0.3294

 16.1754, 0.6384,
0.3290

 94.9052, 0.2952,
0.3289

Harmonies

Analogous

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



34.0948, 0.3706, 0.2835



34.0948, 0.4192, 0.3270



34.0948, 0.4351, 0.3742

Triad

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



34.0948, 0.4192, 0.3270



34.0948, 0.3078, 0.4288



34.0948, 0.2163, 0.2385

Complementary

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



34.0948, 0.4192, 0.3270



64.5901, 0.2565, 0.3313

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.



34.0948, 0.2037, 0.2660



34.0948, 0.4192, 0.3270



34.0948, 0.2527, 0.3799

Square

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



34.0948, 0.4192, 0.3270



34.0948, 0.3672, 0.4403



34.0948, 0.2159, 0.3167



34.0948, 0.2525, 0.2344

Rectangle

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



34.0948, 0.4192, 0.3270



34.0948, 0.4250, 0.4036



34.0948, 0.2159, 0.3167



34.0948, 0.2094, 0.2450

Sweetspot

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



34.0965, 0.4192, 0.3270



78.7256, 0.3361, 0.3284



37.3862, 0.3146, 0.2252



16.1593, 0.3408, 0.3283



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.



34.0965, 0.4192, 0.3270



38.1837, 0.4529, 0.3267



48.5946, 0.3984, 0.3808



13.7051, 0.3289, 0.3286



9.2323, 0.6378, 0.3287



0.6416, 0.6310, 0.3250

Inverse Universe

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



34.0965, 0.4192, 0.3270



38.1837, 0.4529, 0.3267



43.6354, 0.2459, 0.2699



13.7051, 0.3289, 0.3286



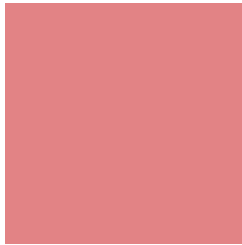
9.2323, 0.6378, 0.3287



0.6416, 0.6310, 0.3250

Previews

White Background



This preview shows how the Yxy color 34.0948, 0.4192, 0.3270 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 34.0948, 0.4192, 0.3270 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 34.0948, 0.4192, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 34.0948, 0.4192, 0.3270.



This preview shows how white text looks on a background with the Yxy color 34.0948, 0.4192, 0.3270.

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

34.0948, 0.4192, 0.3270

Protanopia

34.4528, 0.3288, 0.3453

Deuteranopia

34.2318, 0.3691, 0.3614



Tritanopia

34.1896, 0.4124, 0.3176

Trichromacy



Original Color

34.0948, 0.4192, 0.3270

Protanomaly

33.6976, 0.3602, 0.3374

Deuteranomaly

33.7003, 0.3876, 0.3478

Tritanomaly

34.1023, 0.4160, 0.3211

Monochromacy



Original Color

34.0948, 0.4192, 0.3270

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.8872, 0.3483, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0948, 0.4192, 0.3270 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(226, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(226, 131, 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(226, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 131, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.0948, 0.4192, 0.3270 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(226, 131, 133) }
```

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

```
.border{ border-color:rgb(226, 131, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 131, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 131, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 131, 133); box-shadow:4px 4px 4px 4px rgb(226, 131, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0948, 0.4192, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 131, 133) }
```

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

```
.background{ background-color: rgb(226,  
131, 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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