

Converting Colors

Yxy(36.5468, 0.4112, 0.3384)

Have a look what the booklet for
Yxy(36.5468, 0.4112, 0.3384)
contains.

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Color

Yxy(36.5905, 0.4120, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	E08D85
RGB	224, 141, 133
RGB Percent	88%, 55%, 52%
CMY	0.1216, 0.4470, 0.4784
CMYK	0.00, 0.37, 0.41, 0.12
HSL	5°, 59%, 70%
HSV	5°, 41%, 88%
XYZ	44.4961, 36.5905, 26.9137
YIQ	164.9050, 52.0360, 15.1080

Conversions

Conversions Part 2

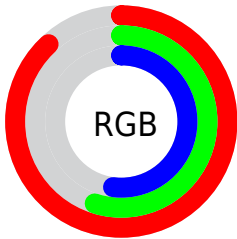
Format	Color
R_{YB}	224, 142, 133
Decimal	14716293
CIE _{Lab}	66.97, 30.61, 17.53
CIE _{LCh}	67, 35.279, 29.800
Yxy	36.5905, 0.4120, 0.3388
Android (android.graphics.Color)	4292906373 (0xFFE08D85)
YUV	164.9050, -15.7292, 51.8263
Hunter-Lab	60.4901, 25.4458, 15.9633

Details

The Yxy color **36.5905, 0.4120, 0.3388** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.4742, 0.2555, 0.3187**, and the grayscale version is **37.6388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8354, 0.3692, 0.3385**, and **16.0439, 0.4441, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **30.5578, 0.4504, 0.3409**, and if you desaturate by 10%, it is **43.8700, 0.3796, 0.3363**.

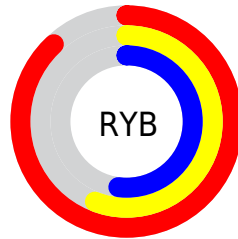
Distribution



Red (88%)

Green (55%)

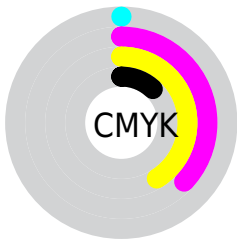
Blue (52%)



Red (88%)

Yellow (56%)

Blue (52%)

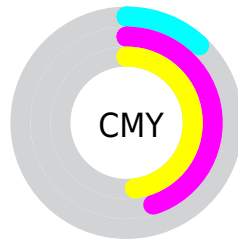


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (12%)



Cyan (12%)


Magenta (45%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5905, 0.4120, 0.3388 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 36.5905, 0.4120, 0.3388 by changing the saturation by 10% instead.

 36.5905, 0.4120,
0.3388


 36.5905, 0.4120,
0.3388


331.5342, 0.3598,
0.3355


 24.8906, 0.4257,
0.3390


 69.9425, 0.3925,
0.3381

 15.9956, 0.4437,
0.3388


 92.3634, 0.3853,
0.3376

 9.5210, 0.4682,
0.3377


 119.1268, 0.3793,
0.3372

 5.0825, 0.5033,
0.3346

150.6170, 0.3743,
0.3368

 2.2958, 0.5571,
0.3264

187.2184, 0.3699,
0.3365

 0.7715, 0.6822,
0.3178

229.3155, 0.3661,

 0.0000, 1.0000,

0.3361

0.0000

277.2927, 0.3628,
0.3358

0.0000, 0.0000,
0.0000

36.5905, 0.4120,
0.3388

36.5905, 0.4120,
0.3388

30.5578, 0.4504,
0.3409

43.8700, 0.3796,
0.3363

25.6969, 0.4940,
0.3423

52.4552, 0.3529,
0.3338

21.9330, 0.5397,
0.3425


62.4076, 0.3312,
0.3314

19.1806, 0.5825,
0.3410

73.7834, 0.3137,
0.3291

17.3411, 0.6155,
0.3379

86.6354, 0.2994,
0.3271

 16.3340, 0.6344,
0.3345

 94.5847, 0.2940,
0.3289

Harmonies

Analogous

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



36.5905, 0.3760, 0.2983



36.5905, 0.4120, 0.3388



36.5905, 0.4180, 0.3803

Triad

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



36.5905, 0.4120, 0.3388



36.5905, 0.2958, 0.4066



36.5905, 0.2339, 0.2464

Complementary

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



36.5905, 0.4120, 0.3388



59.4742, 0.2555, 0.3187

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.



36.5905, 0.2170, 0.2660



36.5905, 0.4120, 0.3388



36.5905, 0.2502, 0.3594

Square

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



36.5905, 0.4120, 0.3388



36.5905, 0.3484, 0.4262



36.5905, 0.2224, 0.3061



36.5905, 0.2712, 0.2472

Rectangle

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



36.5905, 0.4120, 0.3388



36.5905, 0.4047, 0.4042



36.5905, 0.2224, 0.3061



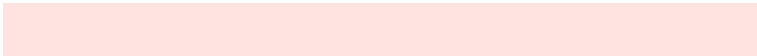
36.5905, 0.2259, 0.2505

Sweetspot

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



36.5923, 0.4120, 0.3388



81.6508, 0.3341, 0.3317



37.6032, 0.3244, 0.2366



17.0854, 0.3368, 0.3321



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.



36.5923, 0.4120, 0.3388



41.9326, 0.4453, 0.3407



52.6905, 0.3897, 0.3908



13.8932, 0.3290, 0.3311



9.5792, 0.6330, 0.3356



0.7318, 0.6150, 0.3499

Inverse Universe

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



59.4742, 0.2555, 0.3187



76.6813, 0.2458, 0.3161



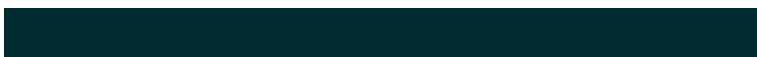
39.4645, 0.2458, 0.2575



15.3554, 0.2982, 0.3269



28.4423, 0.2170, 0.3013



2.0328, 0.2183, 0.3059

Previews

White Background



This preview shows how the Yxy color 36.5905, 0.4120, 0.3388 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 36.5905, 0.4120, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

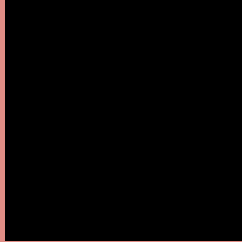
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5905, 0.4120, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 36.5905, 0.4120, 0.3388.



This preview shows how white text looks on a background with the Yxy color 36.5905, 0.4120, 0.3388.

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

36.5905, 0.4120, 0.3388

Protanopia

36.8659, 0.3376, 0.3564

Deuteranopia

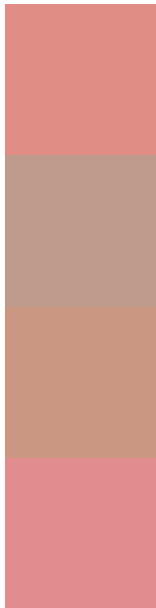
36.6728, 0.3724, 0.3659



Tritanopia

36.6427, 0.3959, 0.3174

Trichromacy



Original Color

36.5905, 0.4120, 0.3388

Protanomaly

36.2833, 0.3631, 0.3495

Deuteranomaly

36.3285, 0.3865, 0.3553

Tritanomaly

36.7469, 0.4023, 0.3257

Monochromacy



Original Color

36.5905, 0.4120, 0.3388

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.5159, 0.3457, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5905, 0.4120, 0.3388 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(224, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 141, 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(224, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 141, 133) }
```

Border

The CSS property to change the border of an element to Yxy 36.5905, 0.4120, 0.3388 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(224, 141, 133) }
```

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

```
.border{ border-color:rgb(224, 141, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 141, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 141, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 141, 133); box-shadow:4px 4px 4px 4px rgb(224, 141, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5905, 0.4120, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 141, 133) }
```

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

```
.background{ background-color: rgb(224,  
141, 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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