

Converting Colors

Yxy(45.8104, 0.4162, 0.3400)

Have a look what the booklet for
Yxy(45.8104, 0.4162, 0.3400)
contains.

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Color

Yxy(45.6268, 0.4166, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	F99B91
RGB	249, 155, 145
RGB Percent	98%, 61%, 57%
CMY	0.0236, 0.3921, 0.4315
CMYK	0.00, 0.38, 0.42, 0.02
HSL	6°, 90%, 77%
HSV	6°, 42%, 98%
XYZ	55.8898, 45.6268, 32.6404
YIQ	181.9660, 59.2340, 16.8180

Conversions

Conversions Part 2

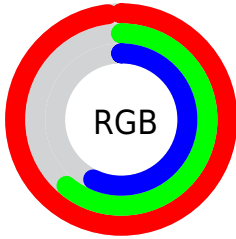
Format	Color
R _Y B	249, 156, 145
Decimal	16358289
CIE Lab	73.30, 33.97, 20.12
CIE LCh	73, 39.476, 30.637
Yxy	45.6268, 0.4166, 0.3401
Android (android.graphics.Color)	4294548369 (0xFFFF99B91)
YUV	181.9660, -18.2242, 58.7888
Hunter-Lab	67.5476, 29.4850, 18.6332

Details

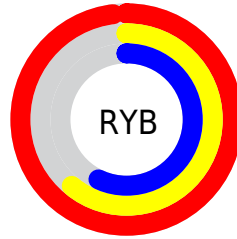
The Yxy color **45.6268, 0.4166, 0.3401** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.5439, 0.2537, 0.3172**, and the grayscale version is **46.8378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4767, 0.3553, 0.3404**, and **21.2761, 0.4468, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **38.1399, 0.4558, 0.3424**, and if you desaturate by 10%, it is **54.6808, 0.3834, 0.3374**.

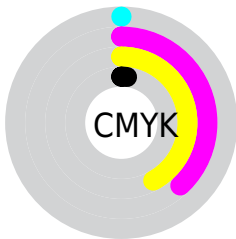
Distribution



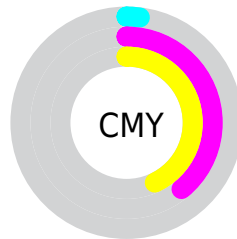
- Red (98%)
- Green (61%)
- Blue (57%)



- Red (98%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (2%)




- Cyan (2%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6268, 0.4166, 0.3401 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 45.6268, 0.4166, 0.3401 by changing the saturation by 10% instead.


 45.6268, 0.4166,
0.3401

 45.6268, 0.4166,
0.3401


369.3062, 0.3640,
0.3366

 31.9514, 0.4298,
0.3403


 83.6602, 0.3974,
0.3393

 21.3244, 0.4467,
0.3402


 108.7870, 0.3902,
0.3389

 13.3613, 0.4691,
0.3394


138.4997, 0.3841,
0.3384

 7.6778, 0.4998,
0.3370

173.1828, 0.3789,
0.3380

 3.8895, 0.5440,
0.3308

213.2206, 0.3744,
0.3376

 1.6119, 0.6338,
0.3263

258.9975, 0.3705,

 0.3656, 0.7699,

0.3372

0.2301

310.8979, 0.3670,
0.3369

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.6268, 0.4166,
0.3401

45.6268, 0.4166,
0.3401

38.1399, 0.4558,
0.3424

54.6808, 0.3834,
0.3374

32.1247, 0.4999,
0.3438

65.3768, 0.3559,
0.3346

27.4858, 0.5456,
0.3438

77.7931, 0.3336,
0.3319

24.1140, 0.5874,
0.3419

92.0007, 0.3155,
0.3294

■ 21.8829, 0.6186,
0.3381

■ 98.8742, 0.3090,
0.3290

■ 20.7896, 0.6341,
0.3347

Harmonies

Analogous

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



45.6268, 0.3799, 0.2982



45.6268, 0.4166, 0.3401



45.6268, 0.4217, 0.3830

Triad

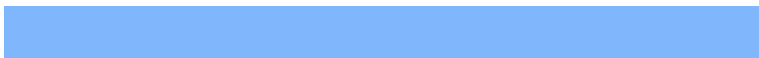
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.6268, 0.4166, 0.3401



45.6268, 0.2935, 0.4089



45.6268, 0.2319, 0.2431

Complementary

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



45.6268, 0.4166, 0.3401



74.5439, 0.2537, 0.3172

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.



45.6268, 0.2138, 0.2626



45.6268, 0.4166, 0.3401



45.6268, 0.2467, 0.3590

Square

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



45.6268, 0.4166, 0.3401



45.6268, 0.3481, 0.4302



45.6268, 0.2187, 0.3036



45.6268, 0.2709, 0.2446

Rectangle

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



45.6268, 0.4166, 0.3401



45.6268, 0.4072, 0.4077



45.6268, 0.2187, 0.3036



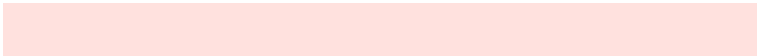
45.6268, 0.2234, 0.2472

Sweetspot

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



45.6291, 0.4166, 0.3401



80.4047, 0.3362, 0.3323



46.6880, 0.3249, 0.2336



16.5665, 0.3408, 0.3329



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.



45.6291, 0.4166, 0.3401



41.5082, 0.4487, 0.3420



66.1476, 0.3929, 0.3929



17.4948, 0.3292, 0.3314



11.2206, 0.6326, 0.3359



1.1268, 0.6176, 0.3478

Inverse Universe

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



74.5439, 0.2537, 0.3172



75.6820, 0.2445, 0.3145



48.9540, 0.2434, 0.2545



19.3050, 0.2980, 0.3266



32.5873, 0.2162, 0.2984



3.0989, 0.2173, 0.3023

Previews

White Background



This preview shows how the Yxy color 45.6268, 0.4166, 0.3401 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 45.6268, 0.4166, 0.3401 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 45.6268, 0.4166, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 45.6268, 0.4166, 0.3401.

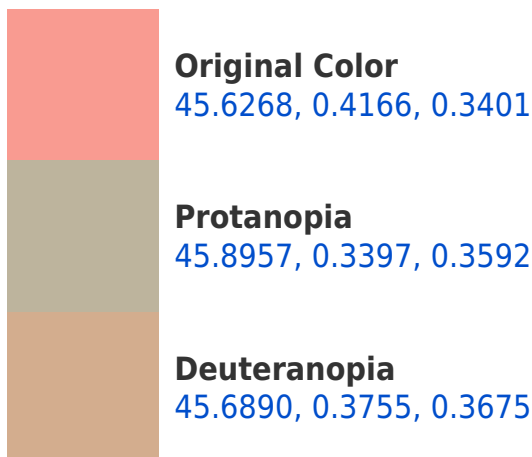


This preview shows how white text looks on a background with the Yxy color 45.6268, 0.4166, 0.3401.

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





Tritanopia

45.6460, 0.4001, 0.3164

Trichromacy



Original Color

45.6268, 0.4166, 0.3401

Protanomaly

45.2746, 0.3662, 0.3514

Deuteranomaly

45.2632, 0.3909, 0.3564

Tritanomaly

45.5408, 0.4061, 0.3250

Monochromacy



Original Color

45.6268, 0.4166, 0.3401

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.4914, 0.3466, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6268, 0.4166, 0.3401 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(249, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(249, 155, 145)  
}
```

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(249, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 155, 145) }
```

Border

The CSS property to change the border of an element to Yxy 45.6268, 0.4166, 0.3401 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(249, 155, 145) }
```

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

```
.border{ border-color:rgb(249, 155, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(249, 155,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6268, 0.4166, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 155, 145) }
```

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

```
.background{ background-color: rgb(249,  
155, 145) }
```

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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