

Converting Colors

$Y_{xy}(57.5179, 0.4715, 0.3383)$

Have a look what the booklet for
Yxy(57.5179, 0.4715, 0.3383)
contains.

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Color

Yxy(45.6695, 0.4267, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FF988E
RGB	255, 152, 142
RGB Percent	100%, 60%, 56%
CMY	0.0000, 0.4039, 0.4431
CMYK	0.00, 0.40, 0.44, 0.00
HSL	5°, 100%, 78%
HSV	5°, 44%, 100%
XYZ	57.3490, 45.6695, 31.3827
YIQ	181.6570, 64.5980, 18.7260

Conversions

Conversions Part 2

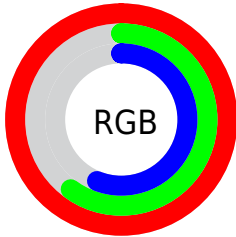
Format	Color
R _Y B	255, 153, 142
Decimal	16750734
CIE Lab	73.33, 37.46, 21.91
CIE LCh	73, 43.395, 30.319
Yxy	45.6695, 0.4267, 0.3398
Android (android.graphics.Color)	4294940814 (0xFFFF988E)
YUV	181.6570, -19.5509, 64.3218
Hunter-Lab	67.5792, 33.2147, 19.7722

Details

The Yxy color **45.6695, 0.4267, 0.3398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.2639, 0.2509, 0.3174**, and the grayscale version is **46.6665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8712, 0.3582, 0.3405**, and **21.2985, 0.4594, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **38.1717, 0.4677, 0.3417**, and if you desaturate by 10%, it is **54.8250, 0.3916, 0.3374**.

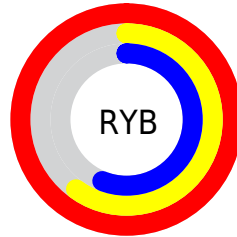
Distribution



Red (100%)

Green (60%)

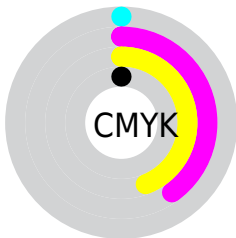
Blue (56%)



Red (100%)

Yellow (60%)

Blue (56%)

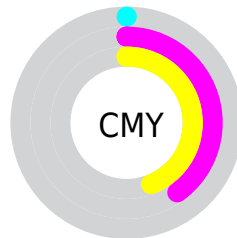


Cyan (0%)

Magenta (40%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6695, 0.4267, 0.3398 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 45.6695, 0.4267, 0.3398 by changing the saturation by 10% instead.


 45.6695, 0.4267,
0.3398


 45.6695, 0.4267,
0.3398


369.4783, 0.3690,
0.3368


 31.9851, 0.4411,
0.3398


 83.7242, 0.4057,
0.3393

 21.3501, 0.4595,
0.3392


 108.8632, 0.3978,
0.3389

 13.3802, 0.4838,
0.3378


 138.5892, 0.3911,
0.3386

 7.6908, 0.5169,
0.3342

173.2867, 0.3854,
0.3382

 3.8978, 0.5639,
0.3260

213.3399, 0.3805,
0.3378

 1.6165, 0.6642,
0.3208

259.1334, 0.3762,

 0.3687, 0.7842,

0.3375

0.2158

311.0514, 0.3724,
0.3371

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.6695, 0.4267,
0.3398

45.6695, 0.4267,
0.3398

38.1717, 0.4677,
0.3417

54.8250, 0.3916,
0.3374

32.2258, 0.5129,
0.3427

65.7219, 0.3626,
0.3348

27.7249, 0.5585,
0.3422

78.4465, 0.3389,
0.3323

24.5452, 0.5981,
0.3400

93.0773, 0.3198,
0.3300

■ 22.5423, 0.6255,
0.3361

99.9988, 0.3127,
0.3290

■ 21.8556, 0.6349,
0.3341

Harmonies

Analogous

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



45.6695, 0.3859, 0.2947



45.6695, 0.4267, 0.3398



45.6695, 0.4323, 0.3865

Triad

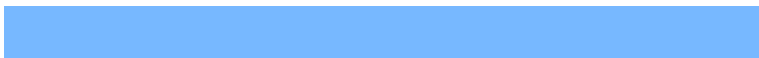
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.6695, 0.4267, 0.3398



45.6695, 0.2918, 0.4182



45.6695, 0.2243, 0.2356

Complementary

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



45.6695, 0.4267, 0.3398



78.2639, 0.2509, 0.3174

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.



45.6695, 0.2051, 0.2564



45.6695, 0.4267, 0.3398



45.6695, 0.2407, 0.3626

Square

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



45.6695, 0.4267, 0.3398



45.6695, 0.3514, 0.4407



45.6695, 0.2105, 0.3010



45.6695, 0.2663, 0.2373

Rectangle

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



45.6695, 0.4267, 0.3398



45.6695, 0.4162, 0.4139



45.6695, 0.2105, 0.3010



45.6695, 0.2153, 0.2399

Sweetspot

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



45.6718, 0.4267, 0.3398



80.2614, 0.3362, 0.3320



47.2323, 0.3258, 0.2280



16.5317, 0.3409, 0.3325



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.



45.6718, 0.4267, 0.3398



39.0676, 0.4620, 0.3415



68.2809, 0.3990, 0.3968



18.2456, 0.3292, 0.3312



11.5080, 0.6335, 0.3352



1.2042, 0.6201, 0.3458

Inverse Universe

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



78.2639, 0.2509, 0.3174



75.3183, 0.2417, 0.3148



49.3999, 0.2389, 0.2489



20.1899, 0.2980, 0.3268



34.1622, 0.2169, 0.3009



3.4037, 0.2179, 0.3044

Previews

White Background



This preview shows how the Yxy color 45.6695, 0.4267, 0.3398 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 45.6695, 0.4267, 0.3398 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 45.6695, 0.4267, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 45.6695, 0.4267, 0.3398.



This preview shows how white text looks on a background with the Yxy color 45.6695, 0.4267, 0.3398.

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

45.6695, 0.4267, 0.3398

Protanopia

45.8279, 0.3413, 0.3619

Deuteranopia

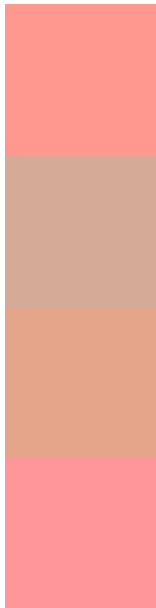
45.7192, 0.3801, 0.3723



Tritanopia

45.6459, 0.4077, 0.3177

Trichromacy



Original Color

45.6695, 0.4267, 0.3398

Protanomaly

45.0976, 0.3712, 0.3538

Deuteranomaly

45.2683, 0.3980, 0.3596

Tritanomaly

45.7263, 0.4147, 0.3262

Monochromacy



Original Color

45.6695, 0.4267, 0.3398

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.4712, 0.3514, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6695, 0.4267, 0.3398 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(255, 152, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 142)  
}
```

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(255, 152, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 142) }
```

Border

The CSS property to change the border of an element to Yxy 45.6695, 0.4267, 0.3398 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(255, 152, 142) }
```

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

```
.border{ border-color:rgb(255, 152, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6695, 0.4267, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 142) }
```

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

```
.background{ background-color: rgb(255,  
152, 142) }
```

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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