

Converting Colors

$Y_{xy}(45.4454, 0.4210, 0.3525)$

Have a look what the booklet for
Yxy(45.4454, 0.4210, 0.3525)
contains.

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Color

Yxy(45.3040, 0.4210, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	F59D88
RGB	245, 157, 136
RGB Percent	96%, 62%, 53%
CMY	0.0392, 0.3843, 0.4668
CMYK	0.00, 0.36, 0.44, 0.04
HSL	12°, 84%, 75%
HSV	12°, 44%, 96%
XYZ	54.1538, 45.3040, 29.1736
YIQ	180.9180, 59.1890, 12.1250

Conversions

Conversions Part 2

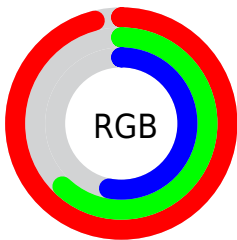
Format	Color
R _Y B	245, 162, 136
Decimal	16096648
CIE Lab	73.09, 30.49, 24.67
CIE LCh	73, 39.223, 38.975
Yxy	45.3040, 0.4210, 0.3522
Android (android.graphics.Color)	4294286728 (0xFFFF59D88)
YUV	180.9180, -22.1446, 56.1999
Hunter-Lab	67.3082, 25.8254, 21.4175

Details

The Yxy color **45.3040, 0.4210, 0.3522** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.1124, 0.2483, 0.3035**, and the grayscale version is **46.2604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0211, 0.3623, 0.3528**, and **21.2141, 0.4522, 0.3555** is the 20% darker color. If you saturate the color by 10%, you get **38.5292, 0.4583, 0.3565**, and if you desaturate by 10%, it is **53.3251, 0.3886, 0.3470**.

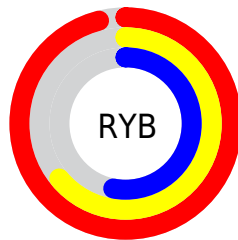
Distribution



Red (96%)

Green (62%)

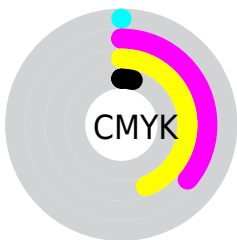
Blue (53%)



Red (96%)

Yellow (64%)

Blue (53%)

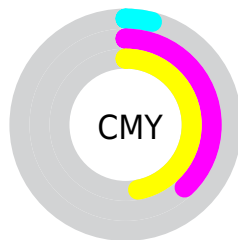


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (4%)



Cyan (4%)


Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3040, 0.4210, 0.3522 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 45.3040, 0.4210, 0.3522 by changing the saturation by 10% instead.


 45.3040, 0.4210,
0.3522


 45.3040, 0.4210,
0.3522


368.0034, 0.3662,
0.3430

 31.6969, 0.4347,
0.3537


 83.1764, 0.4010,
0.3494

 21.1301, 0.4522,
0.3551


 108.2105, 0.3935,
0.3482

 13.2192, 0.4751,
0.3561


 137.8225, 0.3872,
0.3471

 7.5796, 0.5064,
0.3558

172.3967, 0.3818,
0.3461

 3.8272, 0.5507,
0.3517

212.3175, 0.3771,
0.3452

 1.5774, 0.6462,
0.3538

257.9692, 0.3730,

 0.3423, 0.7612,

0.3444

0.2388

309.7364, 0.3694,
0.3436

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.3040, 0.4210,
0.3522

45.3040, 0.4210,
0.3522

38.5292, 0.4583,
0.3565

53.3251, 0.3886,
0.3470

32.9310, 0.4995,
0.3592

62.6441, 0.3614,
0.3416

28.4430, 0.5415,
0.3592

73.3181, 0.3387,
0.3362

24.9891, 0.5799,
0.3559

85.3986, 0.3200,
0.3312

■ 22.4831, 0.6095,
0.3491

■ 98.1512, 0.3066,
0.3290

■ 21.4662, 0.6214,
0.3448

Harmonies

Analogous

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



45.3040, 0.3924, 0.3094



45.3040, 0.4210, 0.3522



45.3040, 0.4169, 0.3937

Triad

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



45.3040, 0.4210, 0.3522



45.3040, 0.2793, 0.3968



45.3040, 0.2410, 0.2419

Complementary

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



45.3040, 0.4210, 0.3522



65.1124, 0.2483, 0.3035

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.



45.3040, 0.2169, 0.2553



45.3040, 0.4210, 0.3522



45.3040, 0.2370, 0.3430

Square

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



45.3040, 0.4210, 0.3522



45.3040, 0.3329, 0.4275



45.3040, 0.2153, 0.2904



45.3040, 0.2850, 0.2487

Rectangle

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



45.3040, 0.4210, 0.3522



45.3040, 0.3973, 0.4157



45.3040, 0.2153, 0.2904



45.3040, 0.2306, 0.2440

Sweetspot

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



45.3062, 0.4210, 0.3522



82.1485, 0.3357, 0.3355



42.4494, 0.3359, 0.2375



16.9910, 0.3402, 0.3366



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.



45.3062, 0.4210, 0.3522



43.1483, 0.4529, 0.3560



67.5141, 0.3940, 0.4076



17.0000, 0.3289, 0.3336



11.7148, 0.6190, 0.3467



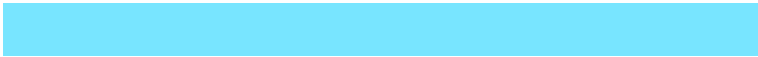
1.1658, 0.5963, 0.3647

Inverse Universe

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



65.1124, 0.2483, 0.3035



67.1973, 0.2382, 0.2977



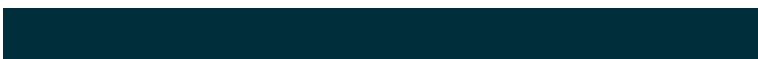
40.7610, 0.2363, 0.2343



18.1825, 0.2980, 0.3243



25.4377, 0.2072, 0.2659



2.3719, 0.2096, 0.2747

Previews

White Background



This preview shows how the Yxy color 45.3040, 0.4210, 0.3522 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 45.3040, 0.4210, 0.3522 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 45.3040, 0.4210, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 45.3040, 0.4210, 0.3522.



This preview shows how white text looks on a background with the Yxy color 45.3040, 0.4210, 0.3522.

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

45.3040, 0.4210, 0.3522

Protanopia

45.3919, 0.3511, 0.3724

Deuteranopia

45.1956, 0.3851, 0.3772



Tritanopia

45.2370, 0.3960, 0.3173

Trichromacy



Original Color

45.3040, 0.4210, 0.3522

Protanomaly

44.9277, 0.3763, 0.3651

Deuteranomaly

45.2060, 0.3980, 0.3682

Tritanomaly

45.0371, 0.4050, 0.3293

Monochromacy



Original Color

45.3040, 0.4210, 0.3522

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0590, 0.3483, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3040, 0.4210, 0.3522 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(245, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(245, 157, 136)  
}
```

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(245, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 157, 136) }
```

Border

The CSS property to change the border of an element to Yxy 45.3040, 0.4210, 0.3522 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(245, 157, 136) }
```

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

```
.border{ border-color:rgb(245, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(245, 157,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3040, 0.4210, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 157, 136) }
```

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

```
.background{ background-color: rgb(245,  
157, 136) }
```

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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