

Converting Colors

$Y_{xy}(45.4002, 0.4074, 0.3461)$

Have a look what the booklet for
Yxy(45.4002, 0.4074, 0.3461)
contains.

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Color

Yxy(45.3352, 0.4073, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	F09F90
RGB	240, 159, 144
RGB Percent	94%, 62%, 56%
CMY	0.0588, 0.3764, 0.4353
CMYK	0.00, 0.34, 0.40, 0.06
HSL	9°, 76%, 75%
HSV	9°, 40%, 94%
XYZ	53.3671, 45.3352, 32.3243
YIQ	181.5090, 53.0910, 12.5070

Conversions

Conversions Part 2

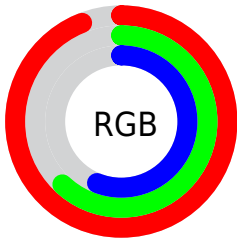
Format	Color
R _Y B	240, 162, 144
Decimal	15769488
CIE Lab	73.11, 28.39, 20.22
CIE LCh	73, 34.854, 35.464
Yxy	45.3352, 0.4073, 0.3460
Android (android.graphics.Color)	4293959568 (0xFFFF09F90)
YUV	181.5090, -18.4919, 51.2966
Hunter-Lab	67.3314, 23.6498, 18.6682

Details

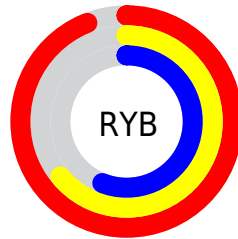
The Yxy color **45.3352, 0.4073, 0.3460** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.0684, 0.2548, 0.3108**, and the grayscale version is **46.5805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4304, 0.3551, 0.3455**, and **21.2686, 0.4346, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **38.2765, 0.4435, 0.3499**, and if you desaturate by 10%, it is **53.6951, 0.3765, 0.3417**.

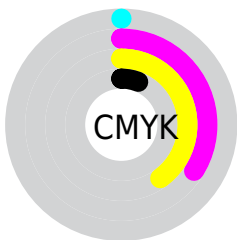
Distribution



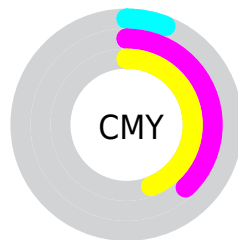
- Red (94%)
- Green (62%)
- Blue (56%)



- Red (94%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (40%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3352, 0.4073, 0.3460 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 45.3352, 0.4073, 0.3460 by changing the saturation by 10% instead.

 45.3352, 0.4073,
0.3460

 45.3352, 0.4073,
0.3460


368.1294, 0.3593,
0.3392

 31.7215, 0.4194,
0.3471


 83.2232, 0.3898,
0.3440

 21.1489, 0.4348,
0.3482


 108.2663, 0.3832,
0.3431

 13.2329, 0.4553,
0.3490


137.8880, 0.3777,
0.3423

 7.5891, 0.4836,
0.3488

172.4727, 0.3729,
0.3415

 3.8332, 0.5246,
0.3461

212.4048, 0.3688,
0.3409

 1.5807, 0.6132,
0.3499

258.0687, 0.3653,

 0.3445, 0.7500,

0.3403

0.2500

309.8488, 0.3621,
0.3397

0.0000, 0.0000,
0.0000

45.3352, 0.4073,
0.3460

45.3352, 0.4073,
0.3460

38.2765, 0.4435,
0.3499

53.6951, 0.3765,
0.3417

32.4468, 0.4846,
0.3526

63.4103, 0.3509,
0.3372

27.7772, 0.5281,
0.3535

74.5400, 0.3299,
0.3330

24.1889, 0.5698,
0.3517

87.1379, 0.3127,
0.3290

21.5932, 0.6041,
0.3469

97.2650, 0.3035,
0.3290

■ 19.8804, 0.6269,
0.3404

■ 19.8801, 0.6269,
0.3404

Harmonies

Analogous

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



45.3352, 0.3789, 0.3075



45.3352, 0.4073, 0.3460



45.3352, 0.4075, 0.3837

Triad

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



45.3352, 0.4073, 0.3460



45.3352, 0.2886, 0.3932



45.3352, 0.2450, 0.2512

Complementary

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



45.3352, 0.4073, 0.3460



66.0684, 0.2548, 0.3108

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.



45.3352, 0.2254, 0.2661



45.3352, 0.4073, 0.3460



45.3352, 0.2487, 0.3477

Square

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



45.3352, 0.4073, 0.3460



45.3352, 0.3370, 0.4170



45.3352, 0.2265, 0.3001



45.3352, 0.2829, 0.2551

Rectangle

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



45.3352, 0.4073, 0.3460



45.3352, 0.3922, 0.4039



45.3352, 0.2265, 0.3001



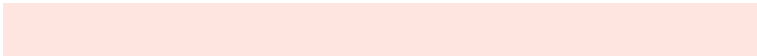
45.3352, 0.2362, 0.2540

Sweetspot

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



45.3374, 0.4073, 0.3460



82.8033, 0.3339, 0.3338



43.9416, 0.3300, 0.2434



17.3543, 0.3365, 0.3344



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.



45.3374, 0.4073, 0.3460



45.3115, 0.4365, 0.3492



64.8742, 0.3859, 0.3966



16.1576, 0.3289, 0.3328



11.0049, 0.6249, 0.3421



1.0340, 0.6025, 0.3598

Inverse Universe

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



66.0684, 0.2548, 0.3108



72.0898, 0.2450, 0.3065



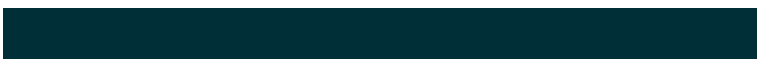
43.9033, 0.2453, 0.2500



17.4835, 0.2981, 0.3252



26.8547, 0.2107, 0.2785



2.3462, 0.2127, 0.2859

Previews

White Background



This preview shows how the Yxy color 45.3352, 0.4073, 0.3460 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 45.3352, 0.4073, 0.3460 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 45.3352, 0.4073, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 45.3352, 0.4073, 0.3460.



This preview shows how white text looks on a background with the Yxy color 45.3352, 0.4073, 0.3460.

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

45.3352, 0.4073, 0.3460

Protanopia

45.3921, 0.3424, 0.3620

Deuteranopia

45.5119, 0.3755, 0.3689



Tritanopia

45.4442, 0.3871, 0.3171

Trichromacy



Original Color

45.3352, 0.4073, 0.3460

Protanomaly

45.1170, 0.3657, 0.3566

Deuteranomaly

45.3304, 0.3871, 0.3603

Tritanomaly

45.3179, 0.3939, 0.3270

Monochromacy



Original Color

45.3352, 0.4073, 0.3460

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.7958, 0.3442, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3352, 0.4073, 0.3460 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(240, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 144)  
}
```

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(240, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 144) }
```

Border

The CSS property to change the border of an element to Yxy 45.3352, 0.4073, 0.3460 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(240, 159, 144) }
```

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

```
.border{ border-color:rgb(240, 159, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 159, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3352, 0.4073, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 144) }
```

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

```
.background{ background-color: rgb(240,  
159, 144) }
```

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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