

Converting Colors

Yxy(38.2025, 0.4468, 0.3531)

Have a look what the booklet for
Yxy(38.2025, 0.4468, 0.3531)
contains.

Yxy(38.2749, 0.4466, 0.3533)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.2749, 0.4466, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	F08B75
RGB	240, 139, 117
RGB Percent	94%, 55%, 46%
CMY	0.0588, 0.4549, 0.5410
CMYK	0.00, 0.42, 0.51, 0.06
HSL	11°, 80%, 70%
HSV	11°, 51%, 94%
XYZ	48.3826, 38.2749, 21.6779
YIQ	166.6910, 67.2580, 14.5700

Conversions

Conversions Part 2

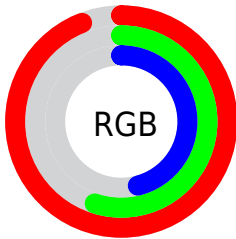
Format	Color
RYB	240, 144, 117
Decimal	15764341
CIELab	68.22, 36.20, 28.43
CIElCh	68, 46.027, 38.144
Yxy	38.2749, 0.4466, 0.3533
Android (android.graphics.Color)	4293954421 (0xFFFF08B75)
YUV	166.6910, -24.4977, 64.2920
Hunter-Lab	61.8667, 31.3284, 22.5317

Details

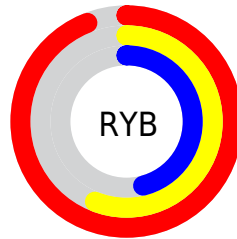
The Yxy color **38.2749, 0.4466, 0.3533** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.2425, 0.2409, 0.3013**, and the grayscale version is **38.5845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7081, 0.3836, 0.3553**, and **16.9370, 0.4877, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **32.5792, 0.4872, 0.3563**, and if you desaturate by 10%, it is **45.1486, 0.4104, 0.3490**.

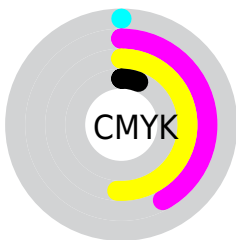
Distribution



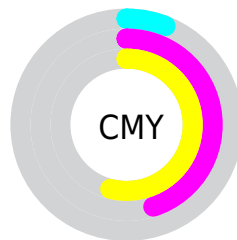
- Red (94%)
- Green (55%)
- Blue (46%)



- Red (94%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (42%)
- Yellow (51%)
- Black (6%)





- Cyan (6%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2749, 0.4466, 0.3533 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 38.2749, 0.4466, 0.3533 by changing the saturation by 10% instead.

 38.2749, 0.4466,
0.3533


 38.2749, 0.4466,
0.3533


338.7978, 0.3771,
0.3445

 26.1961, 0.4643,
0.3542


 72.5293, 0.4210,
0.3510

 16.9704, 0.4871,
0.3544


 95.4737, 0.4114,
0.3499

 10.2134, 0.5171,
0.3532


 122.8087, 0.4034,
0.3488

 5.5407, 0.5580,
0.3484

154.9189, 0.3966,
0.3478

 2.5679, 0.6293,
0.3428

192.1884, 0.3907,
0.3469

 0.9105, 0.6989,
0.3011

235.0018, 0.3856,

 0.0000, 1.0000,

0.3460

0.0000

283.7435, 0.3811,
0.3452

0.0000, 0.0000,
0.0000

38.2749, 0.4466,
0.3533

38.2749, 0.4466,
0.3533

32.5792, 0.4872,
0.3563

45.1486, 0.4104,
0.3490

27.9890, 0.5299,
0.3571

53.2558, 0.3795,
0.3440

24.4328, 0.5705,
0.3549


62.6555, 0.3536,
0.3390

21.8276, 0.6035,
0.3495

73.4009, 0.3322,
0.3341

20.2448, 0.6236,
0.3431

85.5425, 0.3147,
0.3295

 97.2668, 0.3035,
0.3290

Harmonies

Analogous

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



38.2749, 0.4102, 0.3027



38.2749, 0.4466, 0.3533



38.2749, 0.4411, 0.4041

Triad

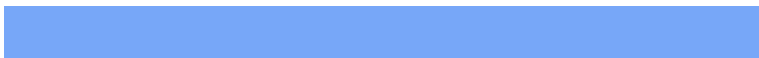
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.2749, 0.4466, 0.3533



38.2749, 0.2720, 0.4167



38.2749, 0.2242, 0.2236

Complementary

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



38.2749, 0.4466, 0.3533



60.2425, 0.2409, 0.3013

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.



38.2749, 0.1966, 0.2391



38.2749, 0.4466, 0.3533



38.2749, 0.2209, 0.3475

Square

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



38.2749, 0.4466, 0.3533



38.2749, 0.3375, 0.4535



38.2749, 0.1951, 0.2813



38.2749, 0.2762, 0.2318

Rectangle

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



38.2749, 0.4466, 0.3533



38.2749, 0.4166, 0.4330



38.2749, 0.1951, 0.2813



38.2749, 0.2122, 0.2260

Sweetspot

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



38.2769, 0.4466, 0.3533



79.3434, 0.3399, 0.3359



36.3992, 0.3383, 0.2232



16.4237, 0.3444, 0.3370



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.



38.2769, 0.4466, 0.3533



37.4081, 0.4871, 0.3563



60.6669, 0.4090, 0.4165



16.2152, 0.3289, 0.3333



11.2172, 0.6213, 0.3449



1.0611, 0.5978, 0.3635

Inverse Universe

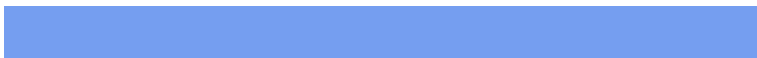
The Inverse Universe completely reimagines the original color for something new.



60.2425, 0.2409, 0.3013



64.9558, 0.2306, 0.2950



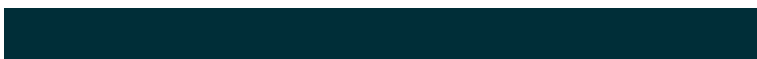
34.5389, 0.2247, 0.2199



17.4206, 0.2981, 0.3247



25.5156, 0.2086, 0.2709



2.2468, 0.2110, 0.2794

Previews

White Background



This preview shows how the Yxy color 38.2749, 0.4466, 0.3533 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 38.2749, 0.4466, 0.3533 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 38.2749, 0.4466, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 38.2749, 0.4466, 0.3533.



This preview shows how white text looks on a background with the Yxy color 38.2749, 0.4466, 0.3533.

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

38.2749, 0.4466, 0.3533

Protanopia

38.3224, 0.3576, 0.3811

Deuteranopia

38.4760, 0.3967, 0.3903



Tritanopia

38.2495, 0.4194, 0.3183

Trichromacy



Original Color

38.2749, 0.4466, 0.3533

Protanomaly

37.6751, 0.3892, 0.3696

Deuteranomaly

37.9675, 0.4158, 0.3759

Tritanomaly

38.0584, 0.4294, 0.3304

Monochromacy



Original Color

38.2749, 0.4466, 0.3533

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7532, 0.3576, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2749, 0.4466, 0.3533 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, 139, 117)` looks like.

```
.text, #text, p{  
    color:rgb(240, 139, 117)  
}
```

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, 139, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 139, 117) }
```

Border

The CSS property to change the border of an element to Yxy 38.2749, 0.4466, 0.3533 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, 139, 117) }
```

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

```
.border{ border-color:rgb(240, 139, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 139, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 139, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 139, 117);  
box-shadow:4px 4px 4px 4px rgb(240, 139,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2749, 0.4466, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 139, 117) }
```

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

```
.background{ background-color: rgb(240,  
139, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor