

Converting Colors

$Y_{xy}(39.5497, 0.4466, 0.3439)$

Have a look what the booklet for
Yxy(39.5497, 0.4466, 0.3439)
contains.

Yxy(39.5887, 0.4472, 0.3442)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.5887, 0.4472, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	F88A7C
RGB	248, 138, 124
RGB Percent	97%, 54%, 49%
CMY	0.0275, 0.4588, 0.5138
CMYK	0.00, 0.44, 0.50, 0.03
HSL	7°, 90%, 73%
HSV	7°, 50%, 97%
XYZ	51.4354, 39.5887, 23.9925
YIQ	169.2940, 70.0540, 18.9660

Conversions

Conversions Part 2

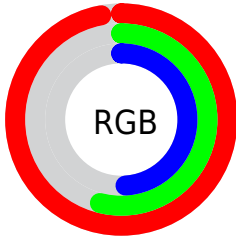
Format	Color
R _Y B	248, 140, 124
Decimal	16288380
CIE Lab	69.18, 40.32, 26.05
CIE LCh	69, 48.003, 32.872
Yxy	39.5887, 0.4472, 0.3442
Android (android.graphics.Color)	4294478460 (0xFFFF88A7C)
YUV	169.2940, -22.3299, 69.0252
Hunter-Lab	62.9196, 35.8108, 21.4353

Details

The Yxy color **39.5887, 0.4472, 0.3442** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.8843, 0.2441, 0.3120**, and the grayscale version is **39.9172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5743, 0.3773, 0.3459**, and **17.8549, 0.4876, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **33.3550, 0.4900, 0.3461**, and if you desaturate by 10%, it is **47.2620, 0.4095, 0.3414**.

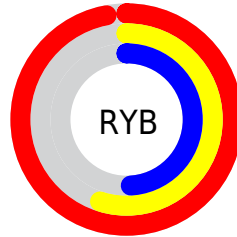
Distribution



Red (97%)

Green (54%)

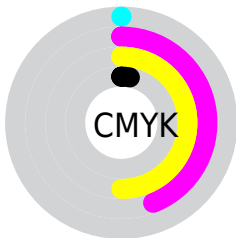
Blue (49%)



Red (97%)

Yellow (55%)

Blue (49%)

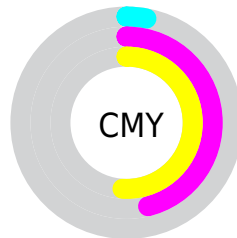


Cyan (0%)

Magenta (44%)

Yellow (50%)

Black (3%)



Cyan (3%)


Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5887, 0.4472, 0.3442 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 39.5887, 0.4472, 0.3442 by changing the saturation by 10% instead.


 39.5887, 0.4472,
0.3442


 39.5887, 0.4472,
0.3442


344.3869, 0.3777,
0.3399

 27.2180, 0.4649,
0.3440


 74.5368, 0.4216,
0.3435

 17.7370, 0.4876,
0.3431


 97.8830, 0.4121,
0.3430

 10.7613, 0.5176,
0.3405


 125.6565, 0.4041,
0.3425

 5.9066, 0.5586,
0.3342

158.2416, 0.3972,
0.3419

 2.7884, 0.6212,
0.3222

196.0228, 0.3913,
0.3414

 1.0223, 0.7103,
0.2897

239.3845, 0.3862,


 0.0000, 1.0000,

0.3409


0.0000


288.7111, 0.3817,
0.3404


 0.0000, 0.0000,
0.0000


 39.5887, 0.4472,
0.3442


 39.5887, 0.4472,
0.3442


 33.3550, 0.4900,
0.3461


 47.2620, 0.4095,
0.3414

 28.4650, 0.5351,
0.3465

 56.4506, 0.3777,
0.3383

 24.8210, 0.5778,
0.3448

 67.2324, 0.3515,
0.3350

 22.3092, 0.6116,
0.3409

 79.6778, 0.3301,
0.3319

 20.7887, 0.6324,
0.3360

 93.8534, 0.3127,
0.3290

98.6953, 0.3084,
0.3290

Harmonies

Analogous

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



39.5887, 0.4028, 0.2933



39.5887, 0.4472, 0.3442



39.5887, 0.4489, 0.3970

Triad

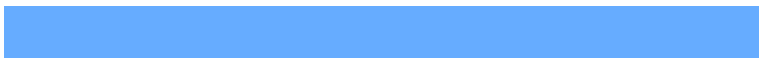
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.5887, 0.4472, 0.3442



39.5887, 0.2818, 0.4298



39.5887, 0.2149, 0.2217

Complementary

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



39.5887, 0.4472, 0.3442



69.8843, 0.2441, 0.3120

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.



39.5887, 0.1913, 0.2420



39.5887, 0.4472, 0.3442



39.5887, 0.2257, 0.3613

Square

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



39.5887, 0.4472, 0.3442



39.5887, 0.3499, 0.4592



39.5887, 0.1945, 0.2900



39.5887, 0.2640, 0.2261

Rectangle

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



39.5887, 0.4472, 0.3442



39.5887, 0.4275, 0.4286



39.5887, 0.1945, 0.2900



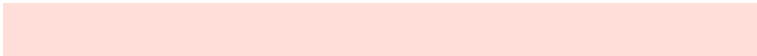
39.5887, 0.2041, 0.2255

Sweetspot

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



39.5907, 0.4472, 0.3442



78.0109, 0.3403, 0.3334



40.3983, 0.3297, 0.2183



16.1072, 0.3449, 0.3341



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.



39.5907, 0.4472, 0.3442



35.4874, 0.4903, 0.3461



61.9761, 0.4111, 0.4069



17.5413, 0.3291, 0.3318



11.3298, 0.6308, 0.3373



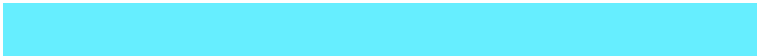
1.1488, 0.6141, 0.3506

Inverse Universe

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



69.8843, 0.2441, 0.3120



71.0123, 0.2343, 0.3081



41.1729, 0.2289, 0.2338



19.2534, 0.2980, 0.3262



31.4264, 0.2147, 0.2929



3.0031, 0.2160, 0.2976

Previews

White Background



This preview shows how the Yxy color 39.5887, 0.4472, 0.3442 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 39.5887, 0.4472, 0.3442 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 39.5887, 0.4472, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 39.5887, 0.4472, 0.3442.



This preview shows how white text looks on a background with the Yxy color 39.5887, 0.4472, 0.3442.

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

39.5887, 0.4472, 0.3442

Protanopia

39.7946, 0.3495, 0.3722

Deuteranopia

39.6142, 0.3911, 0.3835



Tritanopia

39.6963, 0.4272, 0.3187

Trichromacy



Original Color

39.5887, 0.4472, 0.3442

Protanomaly

38.9845, 0.3834, 0.3614

Deuteranomaly

39.0684, 0.4122, 0.3681

Tritanomaly

39.5542, 0.4348, 0.3283

Monochromacy



Original Color

39.5887, 0.4472, 0.3442

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7594, 0.3574, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5887, 0.4472, 0.3442 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(248, 138, 124)` looks like.

```
.text, #text, p{  
    color:rgb(248, 138, 124)  
}
```

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(248, 138, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 138, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.5887, 0.4472, 0.3442 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(248, 138, 124) }
```

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

```
.border{ border-color:rgb(248, 138, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 138, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 138, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 138, 124);  
box-shadow:4px 4px 4px 4px rgb(248, 138,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5887, 0.4472, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 138, 124) }
```

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

```
.background{ background-color: rgb(248,  
138, 124) }
```

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