

Converting Colors

Yxy(55.3851, 0.3941, 0.3429)

Have a look what the booklet for
Yxy(55.3851, 0.3941, 0.3429)
contains.

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Color

Yxy(55.3846, 0.3942, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FFB1A4
RGB	255, 177, 164
RGB Percent	100%, 69%, 64%
CMY	0.0000, 0.3059, 0.3568
CMYK	0.00, 0.31, 0.36, 0.00
HSL	9°, 100%, 82%
HSV	9°, 36%, 100%
XYZ	63.6705, 55.3846, 42.4631
YIQ	198.8400, 50.6610, 12.4930

Conversions

Conversions Part 2

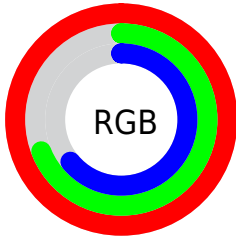
Format	Color
R _Y B	255, 179, 164
Decimal	16757156
CIE Lab	79.26, 26.88, 18.12
CIE LCh	79, 32.418, 33.991
Yxy	55.3846, 0.3942, 0.3429
Android (android.graphics.Color)	4294947236 (0xFFFFB1A4)
YUV	198.8400, -17.1761, 49.2523
Hunter-Lab	74.4208, 22.4786, 18.2648

Details

The Yxy color **55.3846, 0.3942, 0.3429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.6313, 0.2604, 0.3144**, and the grayscale version is **57.0919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6523, 0.3370, 0.3430**, and **27.3209, 0.4160, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **46.5964, 0.4286, 0.3467**, and if you desaturate by 10%, it is **65.7374, 0.3653, 0.3389**.

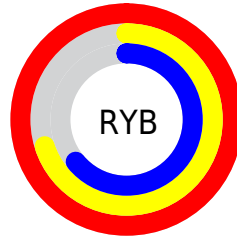
Distribution



Red (100%)

Green (69%)

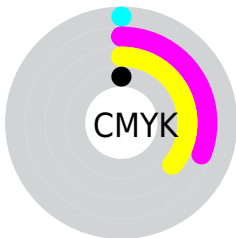
Blue (64%)



Red (100%)

Yellow (70%)

Blue (64%)

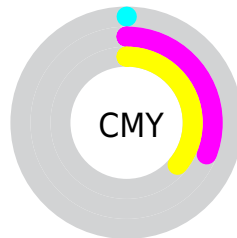


Cyan (0%)

Magenta (31%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3846, 0.3942, 0.3429 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 55.3846, 0.3942, 0.3429 by changing the saturation by 10% instead.


 55.3846, 0.3942,
0.3429

 55.3846, 0.3942,
0.3429

407.3682, 0.3542,
0.3374

 39.7097, 0.4039,
0.3438


 98.1042, 0.3799,
0.3412

 27.3123, 0.4161,
0.3448


 125.9178, 0.3744,
0.3405

 17.8079, 0.4321,
0.3457


158.5463, 0.3698,
0.3399

 10.8122, 0.4536,
0.3463

196.3743, 0.3658,
0.3393

 5.9407, 0.4840,
0.3457

239.7861, 0.3624,
0.3388

 2.8090, 0.5295,
0.3418

289.1660, 0.3593,

 1.0329, 0.6482,

0.3383

0.3518

344.8986, 0.3566,
0.3378

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.3846, 0.3942,
0.3429

55.3846, 0.3942,
0.3429

46.5964, 0.4286,
0.3467

65.7374, 0.3653,
0.3389

39.3013, 0.4684,
0.3497

77.7317, 0.3416,
0.3348

33.4143, 0.5120,
0.3512

91.4330, 0.3221,
0.3310

28.8435, 0.5557,
0.3505

100.0000, 0.3127,
0.3290

■ 25.4863, 0.5939,
0.3471

■ 23.2240, 0.6210,
0.3412

■ 22.5445, 0.6291,
0.3387

Harmonies

Analogous

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



55.3846, 0.3685, 0.3089



55.3846, 0.3942, 0.3429



55.3846, 0.3959, 0.3761

Triad

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



55.3846, 0.3942, 0.3429



55.3846, 0.2940, 0.3858



55.3846, 0.2521, 0.2609

Complementary

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



55.3846, 0.3942, 0.3429



78.6313, 0.2604, 0.3144

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.



55.3846, 0.2354, 0.2753



55.3846, 0.3942, 0.3429



55.3846, 0.2583, 0.3475

Square

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



55.3846, 0.3942, 0.3429



55.3846, 0.3365, 0.4053



55.3846, 0.2375, 0.3062



55.3846, 0.2849, 0.2633

Rectangle

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



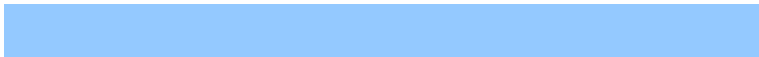
55.3846, 0.3942, 0.3429



55.3846, 0.3836, 0.3938



55.3846, 0.2375, 0.3062



55.3846, 0.2445, 0.2638

Sweetspot

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



55.3827, 0.3942, 0.3429



83.9278, 0.3320, 0.3330



54.2796, 0.3266, 0.2508



17.5715, 0.3346, 0.3335



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.



55.3827, 0.3942, 0.3429



48.8017, 0.4188, 0.3457



75.9919, 0.3777, 0.3880



18.4049, 0.3291, 0.3325



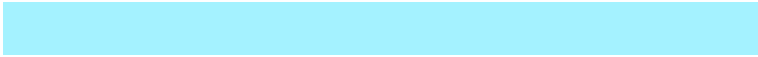
11.9056, 0.6272, 0.3402



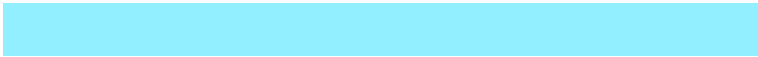
1.2790, 0.6091, 0.3546

Inverse Universe

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



78.6313, 0.2604, 0.3144



75.2151, 0.2512, 0.3109



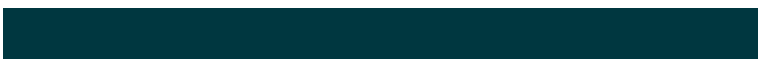
55.2179, 0.2531, 0.2616



20.0136, 0.2980, 0.3255



30.3126, 0.2120, 0.2830



3.0672, 0.2136, 0.2888

Previews

White Background



This preview shows how the Yxy color 55.3846, 0.3942, 0.3429 looks on a white background.

Color Contrast Check

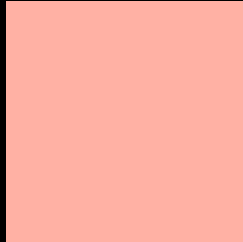
Large Text (above 18pt) WCAG AA × Fail

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 55.3846, 0.3942, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

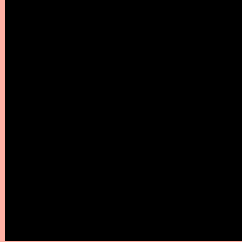
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3846, 0.3942, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 55.3846, 0.3942, 0.3429.



This preview shows how white text looks on a background with the Yxy color 55.3846, 0.3942, 0.3429.

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

55.3846, 0.3942, 0.3429

Protanopia

55.6577, 0.3376, 0.3557

Deuteranopia

55.4978, 0.3680, 0.3601



Tritanopia

55.5078, 0.3738, 0.3166

Trichromacy



Original Color

55.3846, 0.3942, 0.3429



Protanomaly

55.1448, 0.3578, 0.3511



Deuteranomaly

55.5194, 0.3772, 0.3537



Tritanomaly

55.5653, 0.3808, 0.3261

Monochromacy



Original Color

55.3846, 0.3942, 0.3429



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.8668, 0.3399, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3846, 0.3942, 0.3429 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, 177, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 164)  
}
```

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, 177, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 164) }
```

Border

The CSS property to change the border of an element to Yxy 55.3846, 0.3942, 0.3429 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, 177, 164) }
```

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

```
.border{ border-color:rgb(255, 177, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3846, 0.3942, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 164) }
```

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

```
.background{ background-color: rgb(255,  
177, 164) }
```

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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