

Converting Colors

Yxy(60.8166, 0.4102, 0.3489)

Have a look what the booklet for
Yxy(60.8166, 0.4102, 0.3489)
contains.

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Color

Yxy(57.3245, 0.3940, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6A2
RGB	255, 182, 162
RGB Percent	100%, 71%, 64%
CMY	0.0002, 0.2862, 0.3647
CMYK	0.00, 0.29, 0.36, 0.00
HSL	13°, 100%, 82%
HSV	13°, 36%, 100%
XYZ	64.4757, 57.3245, 41.8438
YIQ	201.5470, 49.9280, 9.2560

Conversions

Conversions Part 2

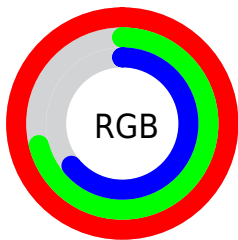
Format	Color
R _Y B	255, 187, 162
Decimal	16758434
CIE Lab	80.36, 23.98, 20.73
CIE LCh	80, 31.697, 40.852
Yxy	57.3245, 0.3940, 0.3503
Android (android.graphics.Color)	4294948514 (0xFFFFB6A2)
YUV	201.5470, -19.4967, 46.8783
Hunter-Lab	75.7129, 19.5096, 20.2316

Details

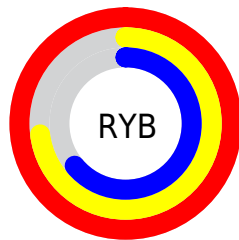
The Yxy color **57.3245, 0.3940, 0.3503** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.2644, 0.2583, 0.3063**, and the grayscale version is **58.8666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4188, 0.3376, 0.3499**, and **28.5621, 0.4153, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **48.8939, 0.4269, 0.3560**, and if you desaturate by 10%, it is **67.1143, 0.3661, 0.3442**.

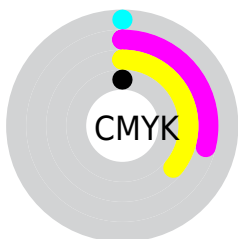
Distribution



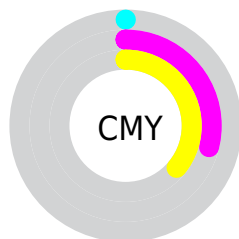
- Red (100%)
- Green (71%)
- Blue (64%)



- Red (100%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3245, 0.3940, 0.3503 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 57.3245, 0.3940, 0.3503 by changing the saturation by 10% instead.


 57.3245, 0.3940,
0.3503

 57.3245, 0.3940,
0.3503


414.6641, 0.3544,
0.3414

 41.2658, 0.4035,
0.3520


 100.9385, 0.3799,
0.3474

 28.5269, 0.4155,
0.3540


 129.2627, 0.3745,
0.3462

 18.7232, 0.4310,
0.3562


162.4441, 0.3699,
0.3452

 11.4704, 0.4517,
0.3583

200.8672, 0.3659,
0.3442

 6.3842, 0.4807,
0.3600

244.9163, 0.3625,
0.3434

 3.0801, 0.5234,
0.3593

294.9759, 0.3595,

 1.1737, 0.6280,

0.3427

0.3720

351.4304, 0.3568,
0.3420

0.0400, 0.9396,
0.0604

0.0000, 0.0000,
0.0000

57.3245, 0.3940,
0.3503

57.3245, 0.3940,
0.3503

48.8939, 0.4269,
0.3560

67.1143, 0.3661,
0.3442

41.7538, 0.4644,
0.3606

78.3117, 0.3427,
0.3382

35.8416, 0.5051,
0.3632

90.9729, 0.3234,
0.3325

31.0863, 0.5461,
0.3628

99.9910, 0.3127,
0.3290

■ 27.4089, 0.5826,
0.3586

■ 24.7196, 0.6100,
0.3507

■ 23.9794, 0.6176,
0.3478

Harmonies

Analogous

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



57.3245, 0.3740, 0.3168



57.3245, 0.3940, 0.3503



57.3245, 0.3902, 0.3812

Triad

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



57.3245, 0.3940, 0.3503



57.3245, 0.2859, 0.3765



57.3245, 0.2601, 0.2621

Complementary

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



57.3245, 0.3940, 0.3503



74.2644, 0.2583, 0.3063

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.



57.3245, 0.2400, 0.2724



57.3245, 0.3940, 0.3503



57.3245, 0.2539, 0.3375

Square

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



57.3245, 0.3940, 0.3503



57.3245, 0.3264, 0.4004



57.3245, 0.2378, 0.2990



57.3245, 0.2948, 0.2680

Rectangle

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



57.3245, 0.3940, 0.3503



57.3245, 0.3753, 0.3962



57.3245, 0.2378, 0.2990



57.3245, 0.2515, 0.2637

Sweetspot

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



57.3272, 0.3940, 0.3503



85.0791, 0.3317, 0.3350



53.1654, 0.3322, 0.2547



17.8438, 0.3344, 0.3358



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.



57.3272, 0.3940, 0.3503



50.8694, 0.4183, 0.3547



78.8324, 0.3771, 0.3952



18.6216, 0.3289, 0.3342



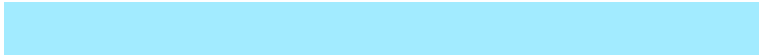
12.7104, 0.6151, 0.3498



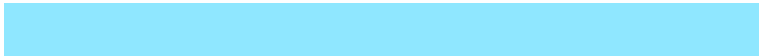
1.3888, 0.5941, 0.3664

Inverse Universe

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



74.2644, 0.2583, 0.3063



70.0896, 0.2483, 0.3008



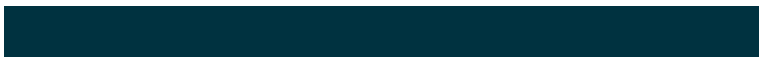
51.6719, 0.2506, 0.2523



19.7777, 0.2980, 0.3238



25.5929, 0.2050, 0.2579



2.6492, 0.2075, 0.2669

Previews

White Background



This preview shows how the Yxy color 57.3245, 0.3940, 0.3503 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 57.3245, 0.3940, 0.3503 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 57.3245, 0.3940, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 57.3245, 0.3940, 0.3503.



This preview shows how white text looks on a background with the Yxy color 57.3245, 0.3940, 0.3503.

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

57.3245, 0.3940, 0.3503

Protanopia

57.4508, 0.3435, 0.3637

Deuteranopia

57.5610, 0.3730, 0.3652



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.3245, 0.3940, 0.3503

Protanomaly

57.0987, 0.3609, 0.3590

Deuteranomaly

57.2404, 0.3805, 0.3589

Tritanomaly

57.2387, 0.3778, 0.3281

Monochromacy



Original Color

57.3245, 0.3940, 0.3503

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.9902, 0.3401, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3245, 0.3940, 0.3503 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, 182, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 162)  
}
```

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, 182, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 162) }
```

Border

The CSS property to change the border of an element to Yxy 57.3245, 0.3940, 0.3503 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, 182, 162) }
```

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

```
.border{ border-color:rgb(255, 182, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3245, 0.3940, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 162) }
```

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

```
.background{ background-color: rgb(255,  
182, 162) }
```

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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