

Converting Colors

Yxy(63.9726, 0.3711, 0.3417)

Have a look what the booklet for
Yxy(63.9726, 0.3711, 0.3417)
contains.

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Color

Yxy(64.2005, 0.3706, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4B8
RGB	255, 196, 184
RGB Percent	100%, 77%, 72%
CMY	0.0000, 0.2313, 0.2785
CMYK	0.00, 0.23, 0.28, 0.00
HSL	10°, 100%, 86%
HSV	10°, 28%, 100%
XYZ	69.6304, 64.2005, 54.0547
YIQ	212.2730, 39.0160, 8.7760

Conversions

Conversions Part 2

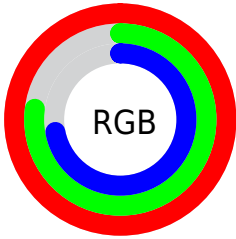
Format	Color
R _Y B	255, 198, 184
Decimal	16762040
CIE Lab	84.07, 19.40, 14.17
CIE LCh	84, 24.025, 36.146
Yxy	64.2005, 0.3706, 0.3417
Android (android.graphics.Color)	4294952120 (0xFFFFC4B8)
YUV	212.2730, -13.9386, 37.4716
Hunter-Lab	80.1252, 14.9009, 16.0890

Details

The Yxy color **64.2005, 0.3706, 0.3417** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4889, 0.2707, 0.3159**, and the grayscale version is **66.1045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8018, 0.3216, 0.3415**, and **32.8550, 0.3852, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **54.3377, 0.4001, 0.3465**, and if you desaturate by 10%, it is **75.6093, 0.3461, 0.3369**.

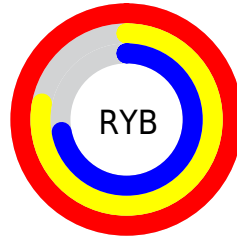
Distribution



Red (100%)

Green (77%)

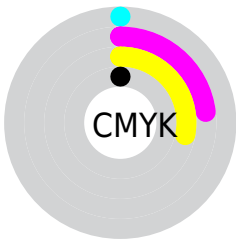
Blue (72%)



Red (100%)

Yellow (78%)

Blue (72%)

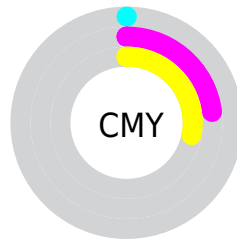


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2005, 0.3706, 0.3417 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 64.2005, 0.3706, 0.3417 by changing the saturation by 10% instead.

 64.2005, 0.3706,
0.3417

 64.2005, 0.3706,
0.3417

439.9133, 0.3429,
0.3363

 46.8131, 0.3771,
0.3428


 110.8996, 0.3608,
0.3400

 32.8879, 0.3853,
0.3440


140.9802, 0.3571,
0.3392

 22.0406, 0.3958,
0.3455


176.0605, 0.3539,
0.3386

 13.8867, 0.4098,
0.3471

216.5250, 0.3511,
0.3381

 8.0419, 0.4293,
0.3489

262.7582, 0.3487,
0.3376

 4.1218, 0.4582,
0.3503

315.1444, 0.3465,

 1.7419, 0.5069,

0.3371

0.3510

374.0680, 0.3446,
0.3367

0.4506, 0.6672,
0.3328

0.0000, 0.0000,
0.0000

64.2005, 0.3706,
0.3417

64.2005, 0.3706,
0.3417

54.3377, 0.4001,
0.3465

75.6093, 0.3461,
0.3369

45.9477, 0.4350,
0.3508

88.6198, 0.3260,
0.3324

38.9611, 0.4748,
0.3542

100.0000, 0.3127,
0.3290

33.3005, 0.5178,
0.3557

■ 28.8806, 0.5600,
0.3544

■ 25.6061, 0.5961,
0.3500

■ 23.3653, 0.6212,
0.3430

■ 23.0023, 0.6254,
0.3416

Harmonies

Analogous

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



64.2005, 0.3538, 0.3166



64.2005, 0.3706, 0.3417



64.2005, 0.3709, 0.3650

Triad

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



64.2005, 0.3706, 0.3417



64.2005, 0.2979, 0.3666



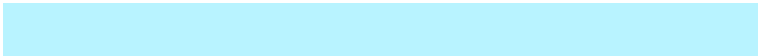
64.2005, 0.2707, 0.2798

Complementary

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



64.2005, 0.3706, 0.3417



81.4889, 0.2707, 0.3159

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.



64.2005, 0.2575, 0.2900



64.2005, 0.3706, 0.3417



64.2005, 0.2726, 0.3402

Square

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



64.2005, 0.3706, 0.3417



64.2005, 0.3280, 0.3815



64.2005, 0.2581, 0.3118



64.2005, 0.2953, 0.2820

Rectangle

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



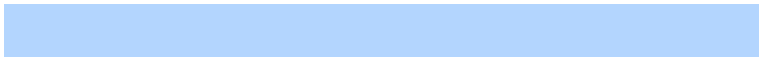
64.2005, 0.3706, 0.3417



64.2005, 0.3618, 0.3765



64.2005, 0.2581, 0.3118



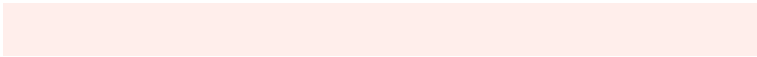
64.2005, 0.2649, 0.2818

Sweetspot

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



64.2027, 0.3706, 0.3417



88.4167, 0.3262, 0.3324



62.0113, 0.3249, 0.2701



18.4842, 0.3290, 0.3331



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.



64.2027, 0.3706, 0.3417



58.9368, 0.3851, 0.3442



82.0535, 0.3609, 0.3770



18.4842, 0.3290, 0.3331



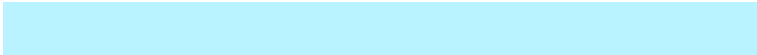
12.1635, 0.6232, 0.3434



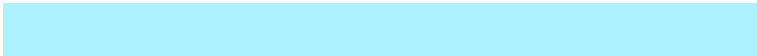
1.3164, 0.6038, 0.3588

Inverse Universe

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



81.4889, 0.2707, 0.3159



78.6202, 0.2636, 0.3131



62.3484, 0.2666, 0.2758



19.9268, 0.2980, 0.3249



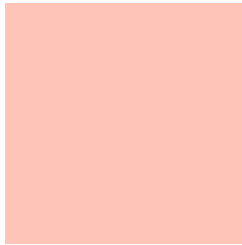
28.5173, 0.2094, 0.2739



2.9090, 0.2114, 0.2809

Previews

White Background



This preview shows how the Yxy color 64.2005, 0.3706, 0.3417 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 64.2005, 0.3706, 0.3417 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 64.2005, 0.3706, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 64.2005, 0.3706, 0.3417.



This preview shows how white text looks on a background with the Yxy color 64.2005, 0.3706, 0.3417.

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

64.2005, 0.3706, 0.3417

Protanopia

64.2679, 0.3324, 0.3495

Deuteranopia

64.1852, 0.3575, 0.3497



Tritanopia

64.3486, 0.3523, 0.3157

Trichromacy



Original Color

64.2005, 0.3706, 0.3417

Protanomaly

63.8055, 0.3458, 0.3468

Deuteranomaly

64.1399, 0.3621, 0.3474

Tritanomaly

64.4137, 0.3585, 0.3250

Monochromacy



Original Color

64.2005, 0.3706, 0.3417

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9009, 0.3326, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2005, 0.3706, 0.3417 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, 196, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 184)  
}
```

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, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 184) }
```

Border

The CSS property to change the border of an element to Yxy 64.2005, 0.3706, 0.3417 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, 196, 184) }
```

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

```
.border{ border-color:rgb(255, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2005, 0.3706, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 184) }
```

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

```
.background{ background-color: rgb(255,  
196, 184) }
```

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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