

Converting Colors

Yxy(63.4583, 0.3727, 0.3423)

Have a look what the booklet for
Yxy(63.4583, 0.3727, 0.3423)
contains.

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Color

Yxy(63.6676, 0.3725, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3B6
RGB	255, 195, 182
RGB Percent	100%, 76%, 71%
CMY	0.0000, 0.2353, 0.2862
CMYK	0.00, 0.24, 0.29, 0.00
HSL	11°, 100%, 86%
HSV	11°, 29%, 100%
XYZ	69.2039, 63.6676, 52.9108
YIQ	211.4580, 39.9330, 8.6770

Conversions

Conversions Part 2

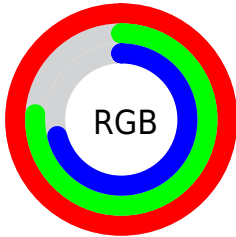
Format	Color
R _Y B	255, 198, 182
Decimal	16761782
CIE Lab	83.79, 19.68, 14.82
CIE LCh	84, 24.631, 36.983
Yxy	63.6676, 0.3725, 0.3427
Android (android.graphics.Color)	4294951862 (0xFFFFC3B6)
YUV	211.4580, -14.5228, 38.1863
Hunter-Lab	79.7920, 15.1778, 16.5386

Details

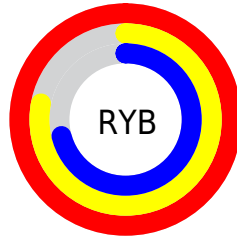
The Yxy color **63.6676, 0.3725, 0.3427** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6885, 0.2696, 0.3148**, and the grayscale version is **65.5388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0539, 0.3229, 0.3425**, and **32.5050, 0.3879, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **53.9627, 0.4022, 0.3477**, and if you desaturate by 10%, it is **74.8849, 0.3477, 0.3377**.

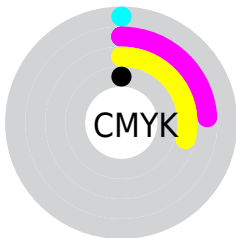
Distribution



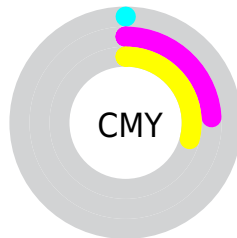
- Red (100%)
- Green (76%)
- Blue (71%)



- Red (100%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6676, 0.3725, 0.3427 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 63.6676, 0.3725, 0.3427 by changing the saturation by 10% instead.

 63.6676, 0.3725,
0.3427

 63.6676, 0.3725,
0.3427

437.9883, 0.3439,
0.3369

 46.3815, 0.3793,
0.3439


 110.1321, 0.3624,
0.3408

 32.5470, 0.3877,
0.3452

140.0793, 0.3585,
0.3400

 21.7796, 0.3986,
0.3468


175.0156, 0.3552,
0.3394

 13.6951, 0.4131,
0.3486

215.3255, 0.3523,
0.3388

 7.9089, 0.4334,
0.3505

261.3933, 0.3498,
0.3382

 4.0367, 0.4634,
0.3520

313.6034, 0.3476,

 1.6941, 0.5155,

0.3377

0.3537

372.3403, 0.3456,
0.3373

0.4198, 0.6770,
0.3230

0.0000, 0.0000,
0.0000

63.6676, 0.3725,
0.3427

63.6676, 0.3725,
0.3427

53.9627, 0.4022,
0.3477

74.8849, 0.3477,
0.3377

45.7033, 0.4373,
0.3522

87.6739, 0.3273,
0.3329

38.8201, 0.4771,
0.3556

100.0000, 0.3127,
0.3290

33.2373, 0.5198,
0.3571

■ 28.8716, 0.5615,
0.3556

■ 25.6296, 0.5969,
0.3509

■ 23.4007, 0.6214,
0.3436

■ 23.1623, 0.6241,
0.3426

Harmonies

Analogous

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



63.6676, 0.3556, 0.3170



63.6676, 0.3725, 0.3427



63.6676, 0.3723, 0.3665

Triad

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



63.6676, 0.3725, 0.3427



63.6676, 0.2966, 0.3671



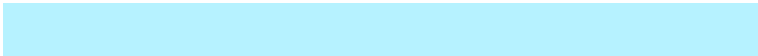
63.6676, 0.2701, 0.2784

Complementary

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



63.6676, 0.3725, 0.3427



80.6885, 0.2696, 0.3148

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.



63.6676, 0.2562, 0.2885



63.6676, 0.3725, 0.3427



63.6676, 0.2709, 0.3397

Square

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



63.6676, 0.3725, 0.3427



63.6676, 0.3276, 0.3829



63.6676, 0.2564, 0.3105



63.6676, 0.2956, 0.2810

Rectangle

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



63.6676, 0.3725, 0.3427



63.6676, 0.3627, 0.3781



63.6676, 0.2564, 0.3105



63.6676, 0.2640, 0.2803

Sweetspot

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



63.6682, 0.3725, 0.3427



87.1548, 0.3281, 0.3331



61.1877, 0.3253, 0.2685



18.2370, 0.3308, 0.3337



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.



63.6682, 0.3725, 0.3427



58.2603, 0.3878, 0.3454



81.6087, 0.3624, 0.3784



18.5090, 0.3290, 0.3333



12.2529, 0.6218, 0.3444



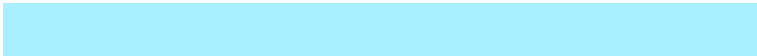
1.3287, 0.6021, 0.3601

Inverse Universe

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



80.6885, 0.2696, 0.3148



77.6549, 0.2621, 0.3117



61.4798, 0.2653, 0.2741



19.8997, 0.2980, 0.3247



27.9713, 0.2086, 0.2710



2.8607, 0.2107, 0.2784

Previews

White Background



This preview shows how the Yxy color 63.6676, 0.3725, 0.3427 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 63.6676, 0.3725, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

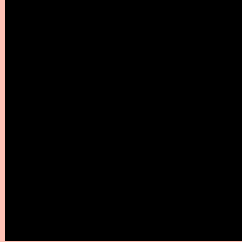
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6676, 0.3725, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 63.6676, 0.3725, 0.3427.



This preview shows how white text looks on a background with the Yxy color 63.6676, 0.3725, 0.3427.

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

63.6676, 0.3725, 0.3427

Protanopia

64.1805, 0.3339, 0.3519

Deuteranopia

63.6347, 0.3593, 0.3509



Tritanopia

63.8562, 0.3533, 0.3157

Trichromacy



Original Color

63.6676, 0.3725, 0.3427

Protanomaly

63.7198, 0.3474, 0.3491

Deuteranomaly

63.5955, 0.3639, 0.3485

Tritanomaly

63.8748, 0.3604, 0.3260

Monochromacy



Original Color

63.6676, 0.3725, 0.3427

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.1637, 0.3334, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6676, 0.3725, 0.3427 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, 195, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 182)  
}
```

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, 195, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 182) }
```

Border

The CSS property to change the border of an element to Yxy 63.6676, 0.3725, 0.3427 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, 195, 182) }
```

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

```
.border{ border-color:rgb(255, 195, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 182); box-shadow:4px 4px 4px 4px rgb(255, 195, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6676, 0.3725, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 182) }
```

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

```
.background{ background-color: rgb(255,  
195, 182) }
```

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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