

Converting Colors

$Yxy(60.6675, 0.3764, 0.3430)$

Have a look what the booklet for
Yxy(60.6675, 0.3764, 0.3430)
contains.

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Color

Yxy(60.6967, 0.3757, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FCBEB1
RGB	252, 190, 177
RGB Percent	99%, 75%, 69%
CMY	0.0117, 0.2549, 0.3058
CMYK	0.00, 0.25, 0.30, 0.01
HSL	10°, 93%, 84%
HSV	10°, 30%, 99%
XYZ	66.5026, 60.6967, 49.8106
YIQ	207.0560, 41.1250, 9.1010

Conversions

Conversions Part 2

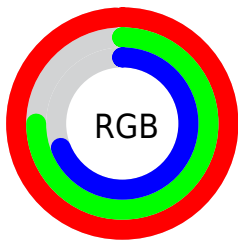
Format	Color
R _Y B	252, 193, 177
Decimal	16563889
CIE Lab	82.22, 20.54, 15.23
CIE LCh	82, 25.573, 36.556
Yxy	60.6967, 0.3757, 0.3429
Android (android.graphics.Color)	4294753969 (0xFFFCBEB1)
YUV	207.0560, -14.8176, 39.4159
Hunter-Lab	77.9081, 16.0291, 16.6286

Details

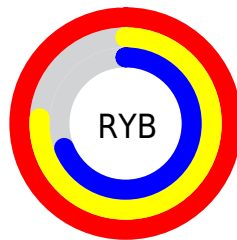
The Yxy color **60.6967, 0.3757, 0.3429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1390, 0.2681, 0.3145**, and the grayscale version is **62.5152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6647, 0.3264, 0.3427**, and **30.5329, 0.3926, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **51.3940, 0.4061, 0.3477**, and if you desaturate by 10%, it is **71.4816, 0.3504, 0.3380**.

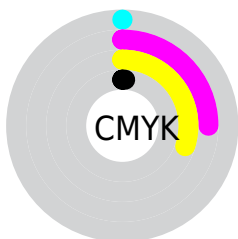
Distribution



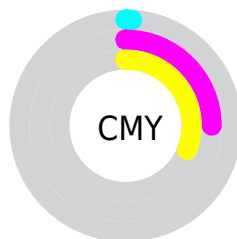
- Red (99%)
- Green (75%)
- Blue (69%)



- Red (99%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (1%)



- Cyan (1%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6967, 0.3757, 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 60.6967, 0.3757, 0.3429 by changing the saturation by 10% instead.


 60.6967, 0.3757,
0.3429

 60.6967, 0.3757,
0.3429

427.1610, 0.3453,
0.3370

 43.9804, 0.3829,
0.3441


 105.8397, 0.3649,
0.3410

 30.6551, 0.3921,
0.3454


135.0351, 0.3608,
0.3402

 20.3364, 0.4038,
0.3470


169.1592, 0.3573,
0.3395

 12.6398, 0.4196,
0.3487

208.5961, 0.3542,
0.3389

 7.1810, 0.4418,
0.3503

253.7304, 0.3516,
0.3384

 3.5755, 0.4750,
0.3512

304.9464, 0.3492,

 1.4391, 0.5419,

0.3379

0.3570

362.6285, 0.3471,
0.3374

0.2453, 0.7497,
0.2503

0.0000, 0.0000,
0.0000

60.6967, 0.3757,
0.3429

60.6967, 0.3757,
0.3429

51.3940, 0.4061,
0.3477

71.4816, 0.3504,
0.3380

43.5001, 0.4419,
0.3521

83.8010, 0.3295,
0.3333

36.9484, 0.4823,
0.3552

97.7148, 0.3124,
0.3289

31.6633, 0.5253,
0.3563

99.4408, 0.3109,
0.3290

■ 27.5613, 0.5667,
0.3545

■ 24.5487, 0.6011,
0.3494

■ 22.5112, 0.6243,
0.3423

■ 22.4736, 0.6248,
0.3421

Harmonies

Analogous

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



60.6967, 0.3576, 0.3159



60.6967, 0.3757, 0.3429



60.6967, 0.3757, 0.3681

Triad

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



60.6967, 0.3757, 0.3429



60.6967, 0.2961, 0.3697



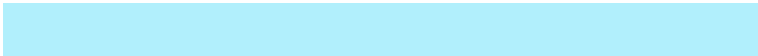
60.6967, 0.2676, 0.2758

Complementary

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



60.6967, 0.3757, 0.3429



78.1390, 0.2681, 0.3145

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.



60.6967, 0.2531, 0.2865



60.6967, 0.3757, 0.3429



60.6967, 0.2689, 0.3407

Square

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



60.6967, 0.3757, 0.3429



60.6967, 0.3287, 0.3861



60.6967, 0.2536, 0.3097



60.6967, 0.2942, 0.2784

Rectangle

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



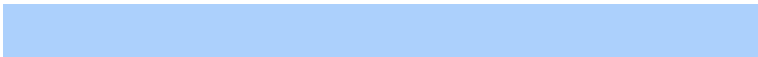
60.6967, 0.3757, 0.3429



60.6967, 0.3657, 0.3806



60.6967, 0.2536, 0.3097



60.6967, 0.2612, 0.2778

Sweetspot

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



60.6995, 0.3757, 0.3429



87.0924, 0.3281, 0.3330



58.4126, 0.3259, 0.2661



18.2217, 0.3308, 0.3336



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.



60.6995, 0.3757, 0.3429



56.1863, 0.3941, 0.3460



78.8263, 0.3647, 0.3804



17.7106, 0.3290, 0.3332



11.8492, 0.6225, 0.3439



1.2285, 0.6018, 0.3603

Inverse Universe

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



78.1390, 0.2681, 0.3145



76.8273, 0.2595, 0.3111



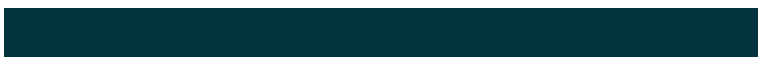
58.6276, 0.2632, 0.2715



19.0674, 0.2980, 0.3248



27.4531, 0.2091, 0.2727



2.6727, 0.2112, 0.2802

Previews

White Background



This preview shows how the Yxy color 60.6967, 0.3757, 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 60.6967, 0.3757, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

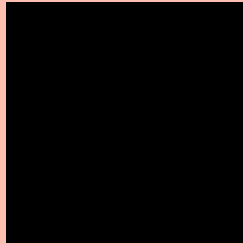
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6967, 0.3757, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 60.6967, 0.3757, 0.3429.

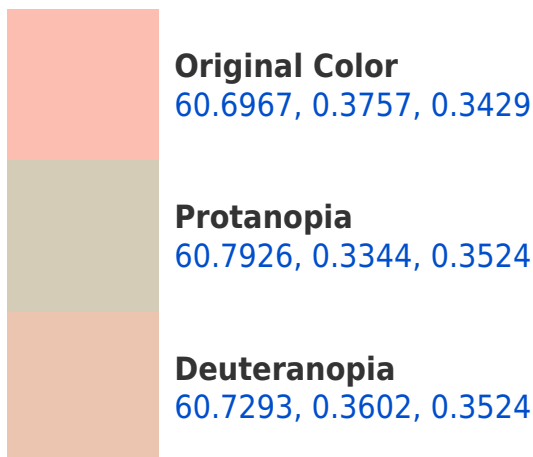


This preview shows how white text looks on a background with the Yxy color 60.6967, 0.3757, 0.3429.

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





Tritanopia

60.5949, 0.3588, 0.3136

Trichromacy



Original Color

60.6967, 0.3757, 0.3429

Protanomaly

60.5139, 0.3490, 0.3495

Deuteranomaly

60.4189, 0.3660, 0.3488

Tritanomaly

60.4172, 0.3654, 0.3239

Monochromacy



Original Color

60.6967, 0.3757, 0.3429

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.4468, 0.3338, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6967, 0.3757, 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(252, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(252, 190, 177)  
}
```

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(252, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 190, 177) }
```

Border

The CSS property to change the border of an element to Yxy 60.6967, 0.3757, 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(252, 190, 177) }
```

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

```
.border{ border-color:rgb(252, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(252, 190,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6967, 0.3757, 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(252, 190, 177) }
```

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

```
.background{ background-color: rgb(252,  
190, 177) }
```

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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