

Converting Colors

$Yxy(66.6310, 0.3547, 0.3371)$

Have a look what the booklet for
Yxy(66.6310, 0.3547, 0.3371)
contains.

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Color

Yxy(66.7917, 0.3551, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	F9CBC3
RGB	249, 203, 195
RGB Percent	98%, 80%, 76%
CMY	0.0235, 0.2039, 0.2352
CMYK	0.00, 0.18, 0.22, 0.02
HSL	9°, 82%, 87%
HSV	9°, 22%, 98%
XYZ	70.2748, 66.7917, 60.8349
YIQ	215.8420, 29.9840, 7.2640

Conversions

Conversions Part 2

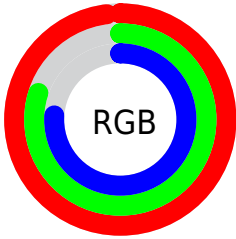
Format	Color
R _Y B	249, 204, 195
Decimal	16370627
CIE Lab	85.40, 15.06, 10.10
CIE LCh	85, 18.133, 33.847
Yxy	66.7917, 0.3551, 0.3375
Android (android.graphics.Color)	4294560707 (0xFFF9CBC3)
YUV	215.8420, -10.2751, 29.0796
Hunter-Lab	81.7262, 10.4679, 13.0744

Details

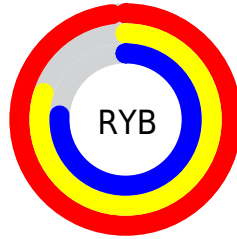
The Yxy color **66.7917, 0.3551, 0.3375** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.3692, 0.2798, 0.3203**, and the grayscale version is **68.6149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **34.6244, 0.3662, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **56.4141, 0.3817, 0.3417**, and if you desaturate by 10%, it is **78.7351, 0.3332, 0.3334**.

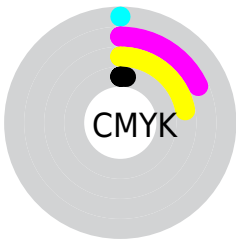
Distribution



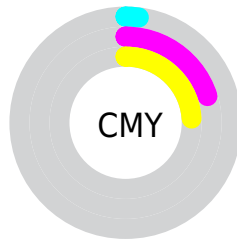
- Red (98%)
- Green (80%)
- Blue (76%)



- Red (98%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7917, 0.3551, 0.3375 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 66.7917, 0.3551, 0.3375 by changing the saturation by 10% instead.


 66.7917, 0.3551,
0.3375

 66.7917, 0.3551,
0.3375


449.2030, 0.3350,
0.3338

 48.9154, 0.3598,
0.3383


114.6219, 0.3480,
0.3363

 34.5523, 0.3657,
0.3392


145.3445, 0.3453,
0.3358

 23.3183, 0.3732,
0.3402

181.1181, 0.3430,
0.3354

 14.8287, 0.3832,
0.3415

222.3269, 0.3410,
0.3350

 8.6992, 0.3972,
0.3430

269.3554, 0.3392,
0.3347

 4.5455, 0.4178,
0.3447

322.5880, 0.3376,

 1.9832, 0.4513,

0.3344

0.3460

382.4090, 0.3363,
0.3341

0.5977, 0.6111,
0.3889

0.0000, 0.0000,
0.0000

66.7917, 0.3551,
0.3375

66.7917, 0.3551,
0.3375

56.4141, 0.3817,
0.3417

78.7351, 0.3332,
0.3334

47.5283, 0.4137,
0.3458

92.2958, 0.3154,
0.3296

40.0683, 0.4512,
0.3493

98.8792, 0.3090,
0.3290

33.9593, 0.4933,
0.3516

■ 29.1197, 0.5373,
0.3520

■ 25.4589, 0.5784,
0.3496

■ 22.8740, 0.6106,
0.3445

■ 21.4495, 0.6283,
0.3393

Harmonies

Analogous

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



66.7917, 0.3419, 0.3185



66.7917, 0.3551, 0.3375



66.7917, 0.3564, 0.3551

Triad

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



66.7917, 0.3551, 0.3375



66.7917, 0.3035, 0.3579



66.7917, 0.2801, 0.2923

Complementary

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



66.7917, 0.3551, 0.3375



81.3692, 0.2798, 0.3203

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.



66.7917, 0.2707, 0.3011



66.7917, 0.3551, 0.3375



66.7917, 0.2839, 0.3391

Square

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



66.7917, 0.3551, 0.3375



66.7917, 0.3261, 0.3680



66.7917, 0.2721, 0.3180



66.7917, 0.2982, 0.2930

Rectangle

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



66.7917, 0.3551, 0.3375



66.7917, 0.3504, 0.3638



66.7917, 0.2721, 0.3180



66.7917, 0.2759, 0.2942

Sweetspot

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



66.7948, 0.3551, 0.3375



89.5784, 0.3245, 0.3316



65.5817, 0.3205, 0.2818



18.9898, 0.3255, 0.3318



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.



66.7948, 0.3551, 0.3375



65.5369, 0.3661, 0.3393



80.2350, 0.3495, 0.3642



17.6390, 0.3290, 0.3326



11.6055, 0.6263, 0.3409



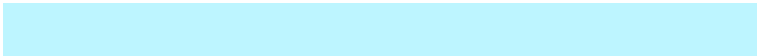
1.1948, 0.6069, 0.3563

Inverse Universe

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



81.3692, 0.2798, 0.3203



83.4281, 0.2735, 0.3184



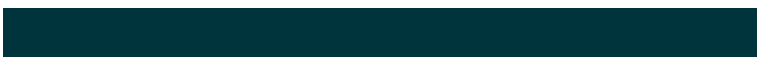
66.9536, 0.2777, 0.2911



19.1457, 0.2980, 0.3254



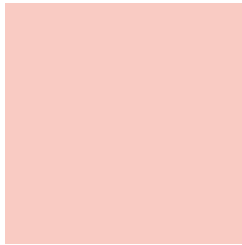
29.0865, 0.2115, 0.2813



2.8091, 0.2132, 0.2876

Previews

White Background



This preview shows how the Yxy color 66.7917, 0.3551, 0.3375 looks on a white background.

Color Contrast Check

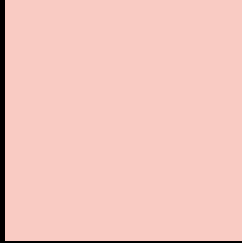
Large Text (above 18pt) WCAG AA × Fail

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 66.7917, 0.3551, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

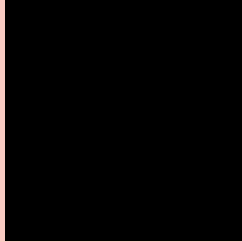
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7917, 0.3551, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 66.7917, 0.3551, 0.3375.

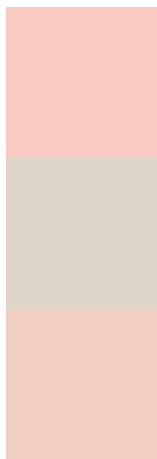


This preview shows how white text looks on a background with the Yxy color 66.7917, 0.3551, 0.3375.

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

66.7917, 0.3551, 0.3375

Protanopia

67.1308, 0.3277, 0.3436

Deuteranopia

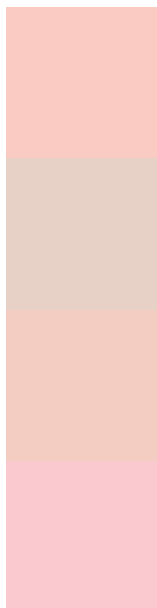
66.7384, 0.3489, 0.3420



Tritanopia

66.7241, 0.3417, 0.3136

Trichromacy



Original Color

66.7917, 0.3551, 0.3375

Protanomaly

66.6671, 0.3374, 0.3411

Deuteranomaly

66.7908, 0.3515, 0.3408

Tritanomaly

66.6513, 0.3462, 0.3218

Monochromacy



Original Color

66.7917, 0.3551, 0.3375

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.6366, 0.3276, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7917, 0.3551, 0.3375 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(249, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(249, 203, 195)  
}
```

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(249, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 203, 195) }
```

Border

The CSS property to change the border of an element to Yxy 66.7917, 0.3551, 0.3375 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(249, 203, 195) }
```

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

```
.border{ border-color:rgb(249, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(249, 203,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7917, 0.3551, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 203, 195) }
```

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

```
.background{ background-color: rgb(249,  
203, 195) }
```

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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