

Converting Colors

Yxy(66.3404, 0.3660, 0.3417)

Have a look what the booklet for
Yxy(66.3404, 0.3660, 0.3417)
contains.

Yxy(66.1994, 0.3662, 0.3416)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.1994, 0.3662, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8BC
RGB	255, 200, 188
RGB Percent	100%, 78%, 74%
CMY	0.0001, 0.2156, 0.2627
CMYK	0.00, 0.22, 0.26, 0.00
HSL	11°, 100%, 87%
HSV	11°, 26%, 100%
XYZ	70.9667, 66.1994, 56.6261
YIQ	215.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

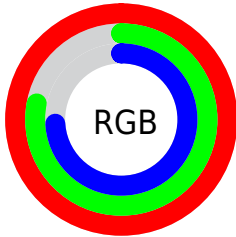
Format	Color
R _Y B	255, 203, 188
Decimal	16763068
CIE Lab	85.10, 17.84, 13.47
CIE LCh	85, 22.351, 37.065
Yxy	66.1994, 0.3662, 0.3416
Android (android.graphics.Color)	4294953148 (0xFFFFC8BC)
YUV	215.0770, -13.3490, 35.0125
Hunter-Lab	81.3630, 13.3065, 15.6902

Details

The Yxy color **66.1994, 0.3662, 0.3416** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0047, 0.2729, 0.3160**, and the grayscale version is **68.0852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **34.1774, 0.3791, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **56.1565, 0.3947, 0.3467**, and if you desaturate by 10%, it is **77.7700, 0.3426, 0.3366**.

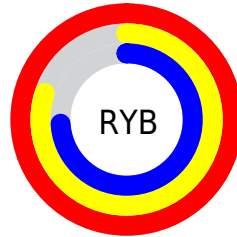
Distribution



Red (100%)

Green (78%)

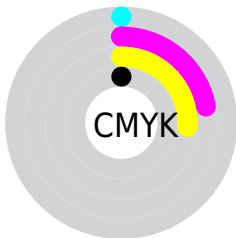
Blue (74%)



Red (100%)

Yellow (80%)

Blue (74%)

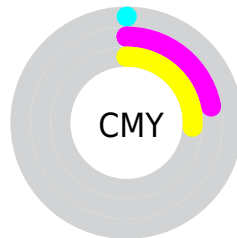


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1994, 0.3662, 0.3416 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 66.1994, 0.3662, 0.3416 by changing the saturation by 10% instead.


 66.1994, 0.3662,
0.3416

 66.1994, 0.3662,
0.3416


447.0897, 0.3408,
0.3362

 48.4343, 0.3722,
0.3427


 113.7725, 0.3573,
0.3398

 34.1709, 0.3796,
0.3440

144.3492, 0.3538,
0.3391

 23.0249, 0.3892,
0.3455


179.9653, 0.3509,
0.3385

 14.6119, 0.4018,
0.3473

221.0052, 0.3483,
0.3379

 8.5475, 0.4194,
0.3494

267.8531, 0.3461,
0.3374

 4.4472, 0.4454,
0.3514

320.8936, 0.3441,

 1.9267, 0.4871,

0.3370

0.3523

380.5110, 0.3423,
0.3366

0.5644, 0.6342,
0.3658

0.0000, 0.0000,
0.0000

66.1994, 0.3662,
0.3416

66.1994, 0.3662,
0.3416

56.1565, 0.3947,
0.3467

77.7700, 0.3426,
0.3366

47.5682, 0.4285,
0.3514

90.9190, 0.3231,
0.3318

40.3693, 0.4672,
0.3552

99.9956, 0.3127,
0.3290

34.4858, 0.5095,
0.3572

■ 29.8369, 0.5518,
0.3565

■ 26.3321, 0.5892,
0.3525

■ 23.8683, 0.6163,
0.3455

■ 23.1837, 0.6239,
0.3428

Harmonies

Analogous

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



66.1994, 0.3512, 0.3183



66.1994, 0.3662, 0.3416



66.1994, 0.3660, 0.3629

Triad

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



66.1994, 0.3662, 0.3416



66.1994, 0.2983, 0.3629



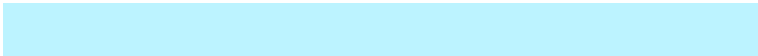
66.1994, 0.2745, 0.2834

Complementary

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



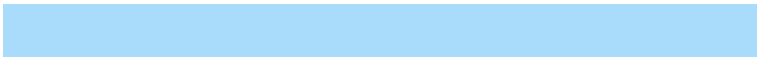
66.1994, 0.3662, 0.3416



82.0047, 0.2729, 0.3160

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.



66.1994, 0.2618, 0.2927



66.1994, 0.3662, 0.3416



66.1994, 0.2751, 0.3386

Square

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



66.1994, 0.3662, 0.3416



66.1994, 0.3261, 0.3770



66.1994, 0.2620, 0.3125



66.1994, 0.2976, 0.2857

Rectangle

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



66.1994, 0.3662, 0.3416



66.1994, 0.3575, 0.3732



66.1994, 0.2620, 0.3125



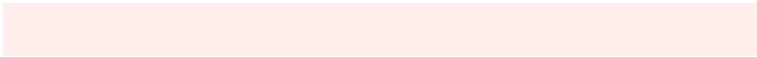
66.1994, 0.2690, 0.2852

Sweetspot

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



66.2025, 0.3662, 0.3416



88.5320, 0.3262, 0.3326



63.7521, 0.3241, 0.2736



18.5130, 0.3290, 0.3333



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.



66.2025, 0.3662, 0.3416



60.2655, 0.3819, 0.3445



82.9720, 0.3579, 0.3742



18.5130, 0.3290, 0.3333



12.2674, 0.6216, 0.3446



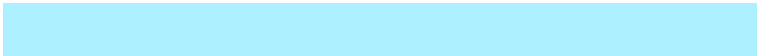
1.3307, 0.6019, 0.3603

Inverse Universe

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



82.0047, 0.2729, 0.3160



78.6970, 0.2649, 0.3128



64.1741, 0.2695, 0.2793



19.8954, 0.2980, 0.3246



27.8852, 0.2085, 0.2706



2.8531, 0.2106, 0.2780

Previews

White Background



This preview shows how the Yxy color 66.1994, 0.3662, 0.3416 looks on a white background.

Color Contrast Check

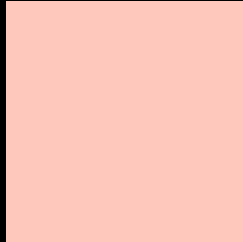
Large Text (above 18pt) WCAG AA × Fail

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 66.1994, 0.3662, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

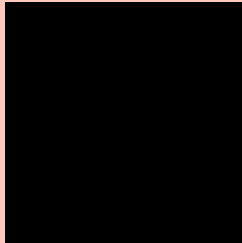
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1994, 0.3662, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 66.1994, 0.3662, 0.3416.

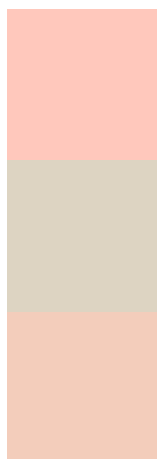


This preview shows how white text looks on a background with the Yxy color 66.1994, 0.3662, 0.3416.

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

66.1994, 0.3662, 0.3416

Protanopia

66.3542, 0.3321, 0.3493

Deuteranopia

66.3052, 0.3561, 0.3484



Tritanopia

66.4016, 0.3475, 0.3148

Trichromacy



Original Color

66.1994, 0.3662, 0.3416

Protanomaly

66.2412, 0.3436, 0.3466

Deuteranomaly

66.0739, 0.3598, 0.3461

Tritanomaly

66.4186, 0.3545, 0.3250

Monochromacy



Original Color

66.1994, 0.3662, 0.3416

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3240, 0.3314, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1994, 0.3662, 0.3416 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, 200, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 188)  
}
```

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, 200, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 188) }
```

Border

The CSS property to change the border of an element to Yxy 66.1994, 0.3662, 0.3416 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, 200, 188) }
```

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

```
.border{ border-color:rgb(255, 200, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1994, 0.3662, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 188) }
```

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

```
.background{ background-color: rgb(255,  
200, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor