

Converting Colors

Yxy(60.0046, 0.3666, 0.3363)

Have a look what the booklet for
Yxy(60.0046, 0.3666, 0.3363)
contains.

Yxy(60.0200, 0.3664, 0.3367)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.0200, 0.3664, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	F7BEB7
RGB	247, 190, 183
RGB Percent	97%, 75%, 72%
CMY	0.0314, 0.2549, 0.2825
CMYK	0.00, 0.23, 0.26, 0.03
HSL	7°, 80%, 84%
HSV	7°, 26%, 97%
XYZ	65.3143, 60.0200, 52.9253
YIQ	206.2450, 36.2190, 9.9070

Conversions

Conversions Part 2

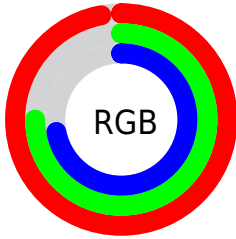
Format	Color
R _Y B	247, 191, 183
Decimal	16236215
CIE Lab	81.85, 19.46, 11.45
CIE LCh	82, 22.581, 30.476
Yxy	60.0200, 0.3664, 0.3367
Android (android.graphics.Color)	4294426295 (0xFFF7BEB7)
YUV	206.2450, -11.4598, 35.7421
Hunter-Lab	77.4726, 14.9098, 13.7269

Details

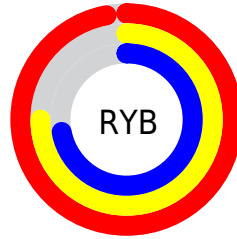
The Yxy color **60.0200, 0.3664, 0.3367** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0710, 0.2740, 0.3211**, and the grayscale version is **61.9444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4035, 0.3228, 0.3358**, and **30.1672, 0.3812, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **50.2670, 0.3959, 0.3398**, and if you desaturate by 10%, it is **71.3952, 0.3422, 0.3336**.

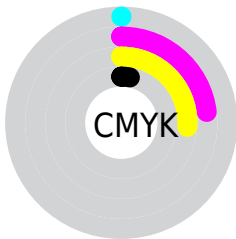
Distribution



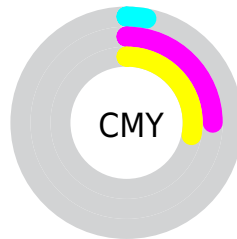
- Red (97%)
- Green (75%)
- Blue (72%)



- Red (97%)
- Yellow (75%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0200, 0.3664, 0.3367 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 60.0200, 0.3664, 0.3367 by changing the saturation by 10% instead.


 60.0200, 0.3664,
0.3367

 60.0200, 0.3664,
0.3367


424.6715, 0.3404,
0.3336

 43.4348, 0.3726,
0.3373


 104.8587, 0.3572,
0.3357

 30.2264, 0.3804,
0.3380


133.8809, 0.3536,
0.3353

 20.0105, 0.3906,
0.3387


167.8176, 0.3506,
0.3349

 12.4027, 0.4042,
0.3394

207.0531, 0.3480,
0.3346

 7.0185, 0.4236,
0.3400

251.9718, 0.3458,
0.3343

 3.4737, 0.4529,
0.3398

302.9582, 0.3438,

 1.3837, 0.5065,

0.3340

360.3967, 0.3420,
0.3338

0.3395

0.2047, 0.7659,
0.2341

0.0000, 0.0000,
0.0000

60.0200, 0.3664,
0.3367

60.0200, 0.3664,
0.3367

50.2670, 0.3959,
0.3398

71.3952, 0.3422,
0.3336

42.0544, 0.4313,
0.3428

84.4532, 0.3226,
0.3306

35.3056, 0.4722,
0.3450

98.5131, 0.3078,
0.3290

29.9344, 0.5170,
0.3461

■ 25.8454, 0.5615,
0.3453

■ 22.9308, 0.5997,
0.3423

■ 21.0649, 0.6257,
0.3375

■ 20.5646, 0.6327,
0.3358

Harmonies

Analogous

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



60.0200, 0.3477, 0.3128



60.0200, 0.3664, 0.3367



60.0200, 0.3699, 0.3599

Triad

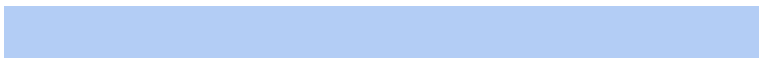
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.0200, 0.3664, 0.3367



60.0200, 0.3038, 0.3689



60.0200, 0.2689, 0.2826

Complementary

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



60.0200, 0.3664, 0.3367



79.0710, 0.2740, 0.3211

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.



60.0200, 0.2586, 0.2948



60.0200, 0.3664, 0.3367



60.0200, 0.2780, 0.3450

Square

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



60.0200, 0.3664, 0.3367



60.0200, 0.3329, 0.3804



60.0200, 0.2618, 0.3174



60.0200, 0.2909, 0.2824

Rectangle

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



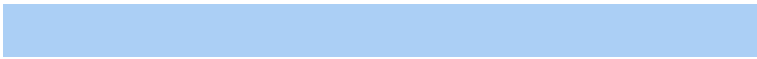
60.0200, 0.3664, 0.3367



60.0200, 0.3631, 0.3720



60.0200, 0.2618, 0.3174



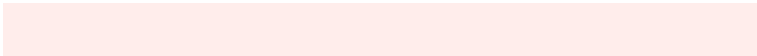
60.0200, 0.2640, 0.2853

Sweetspot

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



60.0228, 0.3664, 0.3367



87.7129, 0.3263, 0.3312



59.9543, 0.3206, 0.2703



18.3085, 0.3292, 0.3317



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.



60.0228, 0.3664, 0.3367



58.9418, 0.3808, 0.3383



75.1071, 0.3582, 0.3692



16.7758, 0.3291, 0.3317



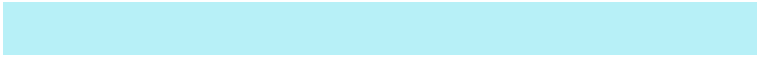
10.9751, 0.6311, 0.3371



1.0592, 0.6138, 0.3508

Inverse Universe

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



79.0710, 0.2740, 0.3211



82.5420, 0.2670, 0.3194



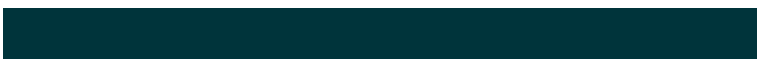
62.1737, 0.2706, 0.2851



18.4282, 0.2981, 0.3263



30.7066, 0.2150, 0.2940



2.7860, 0.2163, 0.2988

Previews

White Background



This preview shows how the Yxy color 60.0200, 0.3664, 0.3367 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 60.0200, 0.3664, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

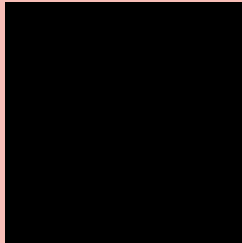
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0200, 0.3664, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 60.0200, 0.3664, 0.3367.



This preview shows how white text looks on a background with the Yxy color 60.0200, 0.3664, 0.3367.

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

60.0200, 0.3664, 0.3367

Protanopia

60.2785, 0.3284, 0.3442

Deuteranopia

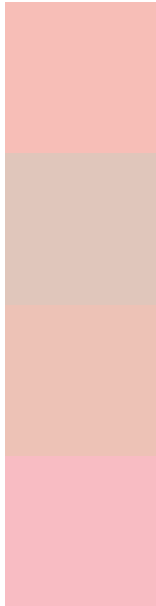
60.0131, 0.3531, 0.3448



Tritanopia

59.9447, 0.3528, 0.3133

Trichromacy



Original Color

60.0200, 0.3664, 0.3367

Protanomaly

59.8233, 0.3421, 0.3416

Deuteranomaly

59.9655, 0.3577, 0.3424

Tritanomaly

59.8630, 0.3576, 0.3217

Monochromacy



Original Color

60.0200, 0.3664, 0.3367

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7579, 0.3308, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0200, 0.3664, 0.3367 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(247, 190, 183)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 183)  
}
```

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(247, 190, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 183) }
```

Border

The CSS property to change the border of an element to Yxy 60.0200, 0.3664, 0.3367 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(247, 190, 183) }
```

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

```
.border{ border-color:rgb(247, 190, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 190, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 190, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 190, 183); box-shadow:4px 4px 4px 4px rgb(247, 190, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0200, 0.3664, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 190, 183) }
```

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

```
.background{ background-color: rgb(247,  
190, 183) }
```

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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