

Converting Colors

$Y_{xy}(64.3911, 0.3689, 0.3213)$

Have a look what the booklet for
Yxy(64.3911, 0.3689, 0.3213)
contains.

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Color

Yxy(62.1641, 0.3605, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC6
RGB	255, 190, 198
RGB Percent	100%, 75%, 78%
CMY	0.0000, 0.2549, 0.2234
CMYK	0.00, 0.25, 0.22, 0.00
HSL	353°, 100%, 87%
HSV	353°, 25%, 100%
XYZ	69.8571, 62.1641, 61.7572
YIQ	210.3470, 36.1720, 16.2680

Conversions

Conversions Part 2

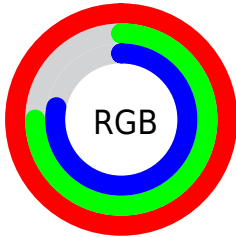
Format	Color
RYB	255, 190, 198
Decimal	16760518
CIELab	83.00, 24.50, 5.14
CIElCh	83, 25.032, 11.842
Yxy	62.1641, 0.3605, 0.3208
Android (android.graphics.Color)	4294950598 (0xFFFFBEC6)
YUV	210.3470, -6.0871, 39.1607
Hunter-Lab	78.8442, 20.1762, 8.7502

Details

The Yxy color **62.1641, 0.3605, 0.3208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.1792, 0.2792, 0.3375**, and the grayscale version is **64.7085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **31.4923, 0.3728, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **51.1085, 0.3876, 0.3174**, and if you desaturate by 10%, it is **75.2980, 0.3385, 0.3242**.

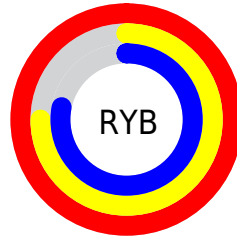
Distribution



Red (100%)

Green (75%)

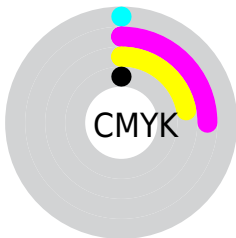
Blue (78%)



Red (100%)

Yellow (75%)

Blue (78%)

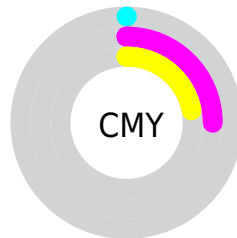


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1641, 0.3605, 0.3208 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 62.1641, 0.3605, 0.3208 by changing the saturation by 10% instead.

 62.1641, 0.3605,
0.3208

 62.1641, 0.3605,
0.3208


432.5294, 0.3376,
0.3250

 45.1653, 0.3659,
0.3197


 107.9627, 0.3524,
0.3223

 31.5877, 0.3727,
0.3184

137.5312, 0.3493,
0.3229

 21.0467, 0.3815,
0.3166


172.0585, 0.3466,
0.3234

 13.1582, 0.3933,
0.3140

211.9289, 0.3444,
0.3238

 7.5376, 0.4099,
0.3103

257.5268, 0.3423,
0.3242

 3.8005, 0.4349,
0.3042


309.2366, 0.3406,

 1.5626, 0.4765,


0.3245


0.2930


367.4427, 0.3390,
0.3248


 0.3322, 0.7323,
0.2656


 0.0000, 0.0000,
0.0000


 62.1641, 0.3605,
0.3208


 62.1641, 0.3605,
0.3208

 51.1085, 0.3876,
0.3174

 75.2980, 0.3385,
0.3242

 42.0331, 0.4207,
0.3144

 90.6190, 0.3209,
0.3273

 34.8180, 0.4597,
0.3120

100.0000, 0.3127,
0.3290

 29.3340, 0.5032,
0.3110

■ 25.4352, 0.5480,
0.3120

■ 22.9519, 0.5883,
0.3153

■ 21.6750, 0.6181,
0.3207

■ 21.3617, 0.6275,
0.3231

Harmonies

Analogous

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



62.1641, 0.3325, 0.2973



62.1641, 0.3605, 0.3208



62.1641, 0.3752, 0.3472

Triad

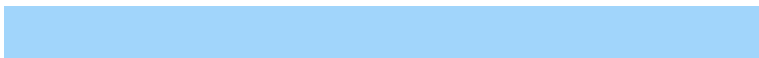
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.1641, 0.3605, 0.3208



62.1641, 0.3227, 0.3827



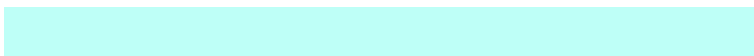
62.1641, 0.2562, 0.2849

Complementary

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



62.1641, 0.3605, 0.3208



89.1792, 0.2792, 0.3375

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.



62.1641, 0.2541, 0.3056



62.1641, 0.3605, 0.3208



62.1641, 0.2914, 0.3641

Square

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



62.1641, 0.3605, 0.3208



62.1641, 0.3524, 0.3845



62.1641, 0.2666, 0.3349



62.1641, 0.2727, 0.2767

Rectangle

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



62.1641, 0.3605, 0.3208



62.1641, 0.3751, 0.3636



62.1641, 0.2666, 0.3349



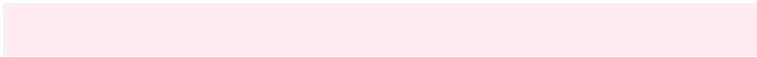
62.1641, 0.2538, 0.2905

Sweetspot

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



62.1610, 0.3605, 0.3208



86.5694, 0.3249, 0.3266



63.6956, 0.3092, 0.2640



18.0236, 0.3275, 0.3261



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.



62.1610, 0.3605, 0.3208



55.8243, 0.3747, 0.3189



72.9829, 0.3611, 0.3536



18.0236, 0.3275, 0.3261



11.1733, 0.6249, 0.3216



1.0989, 0.6005, 0.3082

Inverse Universe

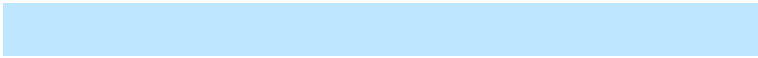
The Inverse Universe completely reimagines the original color for something new.



62.1610, 0.3605, 0.3208



55.8243, 0.3747, 0.3189



75.4090, 0.2728, 0.3030



18.0236, 0.3275, 0.3261



11.1733, 0.6249, 0.3216



1.0989, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 62.1641, 0.3605, 0.3208 looks on a white background.

Color Contrast Check

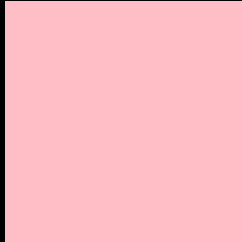
Large Text (above 18pt) WCAG AA × Fail

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 62.1641, 0.3605, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

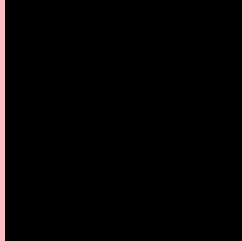
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1641, 0.3605, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 62.1641, 0.3605, 0.3208.



This preview shows how white text looks on a background with the Yxy color 62.1641, 0.3605, 0.3208.

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

62.1641, 0.3605, 0.3208

Protanopia

62.4965, 0.3158, 0.3279

Deuteranopia

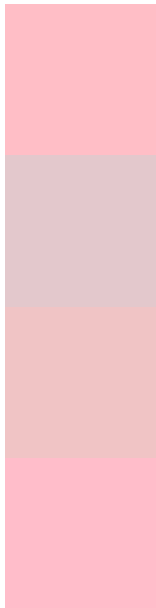
62.2830, 0.3404, 0.3335



Tritanopia

62.0148, 0.3557, 0.3136

Trichromacy



Original Color

62.1641, 0.3605, 0.3208

Protanomaly

61.9991, 0.3311, 0.3246

Deuteranomaly

62.0363, 0.3477, 0.3280

Tritanomaly

61.9195, 0.3574, 0.3157

Monochromacy



Original Color

62.1641, 0.3605, 0.3208

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3369, 0.3284, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1641, 0.3605, 0.3208 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, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 198)  
}
```

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, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 198) }
```

Border

The CSS property to change the border of an element to Yxy 62.1641, 0.3605, 0.3208 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, 190, 198) }
```

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

```
.border{ border-color:rgb(255, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1641, 0.3605, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 198) }
```

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

```
.background{ background-color: rgb(255,  
190, 198) }
```

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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