

Converting Colors

$Yxy(60.7513, 0.3559, 0.3233)$

Have a look what the booklet for
Yxy(60.7513, 0.3559, 0.3233)
contains.

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Color

Yxy(60.5866, 0.3555, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	F7BEC4
RGB	247, 190, 196
RGB Percent	97%, 75%, 77%
CMY	0.0313, 0.2549, 0.2313
CMYK	0.00, 0.23, 0.21, 0.03
HSL	354°, 78%, 86%
HSV	354°, 23%, 97%
XYZ	66.7448, 60.5866, 60.4176
YIQ	207.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

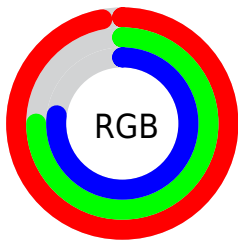
Format	Color
R _Y B	247, 190, 196
Decimal	16236228
CIE Lab	82.16, 21.34, 4.89
CIE LCh	82, 21.889, 12.899
Yxy	60.5866, 0.3555, 0.3227
Android (android.graphics.Color)	4294426308 (0xFFF7BEC4)
YUV	207.7270, -5.7814, 34.4424
Hunter-Lab	77.8374, 16.8465, 8.4651

Details

The Yxy color **60.5866, 0.3555, 0.3227** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.8351, 0.2816, 0.3355**, and the grayscale version is **62.9167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8734, 0.3143, 0.3233**, and **30.5085, 0.3673, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **49.8475, 0.3818, 0.3198**, and if you desaturate by 10%, it is **73.2927, 0.3343, 0.3255**.

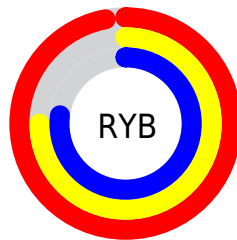
Distribution



Red (97%)

Green (75%)

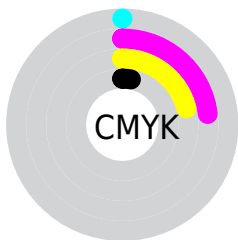
Blue (77%)



Red (97%)

Yellow (75%)

Blue (77%)

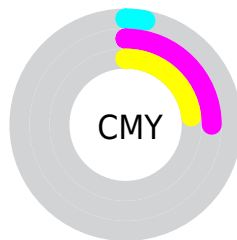


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (3%)



Cyan (3%)


Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5866, 0.3555, 0.3227 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 60.5866, 0.3555, 0.3227 by changing the saturation by 10% instead.


 60.5866, 0.3555,
0.3227

 60.5866, 0.3555,
0.3227


426.7566, 0.3349,
0.3260

 43.8916, 0.3604,
0.3219


 105.6801, 0.3482,
0.3239

 30.5853, 0.3666,
0.3208


134.8475, 0.3454,
0.3243

 20.2833, 0.3746,
0.3193


168.9411, 0.3430,
0.3247

 12.6011, 0.3853,
0.3173

208.3453, 0.3410,
0.3250

 7.1545, 0.4006,
0.3142

253.4446, 0.3392,
0.3253

 3.5589, 0.4237,
0.3092


304.6233, 0.3376,

 1.4300, 0.4630,


0.3256


0.2997

362.2658, 0.3362,
0.3258


 0.2387, 0.7580,
0.2420


 0.0000, 0.0000,
0.0000


 60.5866, 0.3555,
0.3227


 60.5866, 0.3555,
0.3227


 49.8475, 0.3818,
0.3198


 73.2927, 0.3343,
0.3255

 40.9693, 0.4140,
0.3171

 88.0486, 0.3173,
0.3282

 33.8485, 0.4523,
0.3150

 98.5193, 0.3078,
0.3290

 28.3682, 0.4958,
0.3138

■ 24.3970, 0.5412,
0.3143

■ 21.7838, 0.5833,
0.3169

■ 20.3454, 0.6154,
0.3213

■ 19.8545, 0.6300,
0.3244

Harmonies

Analogous

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



60.5866, 0.3312, 0.3015



60.5866, 0.3555, 0.3227



60.5866, 0.3679, 0.3462

Triad

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



60.5866, 0.3555, 0.3227



60.5866, 0.3207, 0.3758



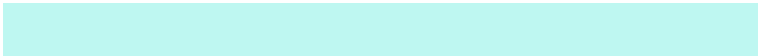
60.5866, 0.2629, 0.2897

Complementary

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



60.5866, 0.3555, 0.3227



83.8351, 0.2816, 0.3355

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.



60.5866, 0.2605, 0.3078



60.5866, 0.3555, 0.3227



60.5866, 0.2931, 0.3590

Square

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



60.5866, 0.3555, 0.3227



60.5866, 0.3471, 0.3781



60.5866, 0.2713, 0.3334



60.5866, 0.2780, 0.2826

Rectangle

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



60.5866, 0.3555, 0.3227



60.5866, 0.3675, 0.3605



60.5866, 0.2713, 0.3334



60.5866, 0.2606, 0.2946

Sweetspot

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



60.5894, 0.3555, 0.3227



88.1496, 0.3235, 0.3272



62.1312, 0.3103, 0.2705



18.6602, 0.3245, 0.3270



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.



60.5894, 0.3555, 0.3227



59.1436, 0.3679, 0.3213



70.5114, 0.3554, 0.3521



16.5110, 0.3277, 0.3265



10.5074, 0.6277, 0.3231



0.9328, 0.6032, 0.3097

Inverse Universe

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



60.5894, 0.3555, 0.3227



59.1436, 0.3679, 0.3213



71.6024, 0.2766, 0.3047



16.5110, 0.3277, 0.3265



10.5074, 0.6277, 0.3231



0.9328, 0.6032, 0.3097

Previews

White Background



This preview shows how the Yxy color 60.5866, 0.3555, 0.3227 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 60.5866, 0.3555, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

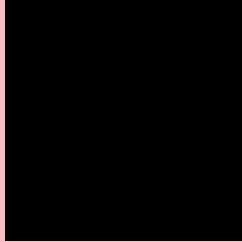
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5866, 0.3555, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 60.5866, 0.3555, 0.3227.

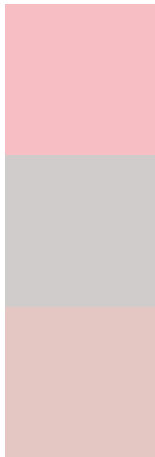


This preview shows how white text looks on a background with the Yxy color 60.5866, 0.3555, 0.3227.

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

60.5866, 0.3555, 0.3227

Protanopia

60.9553, 0.3158, 0.3290

Deuteranopia

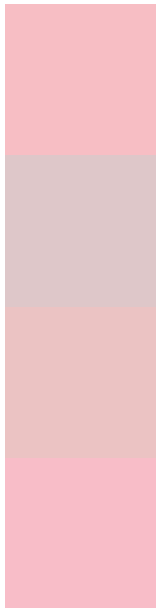
60.8223, 0.3391, 0.3324



Tritanopia

60.6634, 0.3507, 0.3143

Trichromacy



Original Color

60.5866, 0.3555, 0.3227

Protanomaly

60.5935, 0.3295, 0.3268

Deuteranomaly

60.6325, 0.3453, 0.3291

Tritanomaly

60.5218, 0.3532, 0.3175

Monochromacy



Original Color

60.5866, 0.3555, 0.3227

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.6625, 0.3270, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5866, 0.3555, 0.3227 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 196) }
```

Border

The CSS property to change the border of an element to Yxy 60.5866, 0.3555, 0.3227 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, 196) }
```

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

```
.border{ border-color:rgb(247, 190, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(247, 190,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5866, 0.3555, 0.3227 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, 196) }
```

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

```
.background{ background-color: rgb(247,  
190, 196) }
```

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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