

Converting Colors

$Yxy(62.2737, 0.3483, 0.3175)$

Have a look what the booklet for
Yxy(62.2737, 0.3483, 0.3175)
contains.

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Color

Yxy(62.2737, 0.3483, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	F7C1CC
RGB	247, 193, 204
RGB Percent	97%, 76%, 80%
CMY	0.0316, 0.2430, 0.2000
CMYK	0.00, 0.22, 0.17, 0.03
HSL	348°, 77%, 86%
HSV	348°, 22%, 97%
XYZ	68.3147, 62.2737, 65.5492
YIQ	210.4000, 28.6530, 14.8690

Conversions

Conversions Part 2

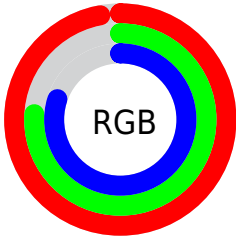
Format	Color
R _Y B	247, 193, 204
Decimal	16237004
CIE Lab	83.06, 20.90, 1.92
CIE LCh	83, 20.991, 5.237
Yxy	62.2737, 0.3483, 0.3175
Android (android.graphics.Color)	4294427084 (0xFFF7C1CC)
YUV	210.4000, -3.1552, 32.0982
Hunter-Lab	78.9137, 16.4266, 5.9907

Details

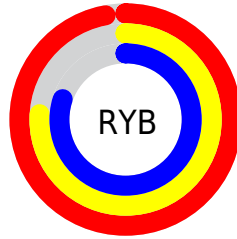
The Yxy color $62.2737, 0.3483, 0.3175$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.8879, 0.2860, 0.3409$, and the grayscale version is $64.7323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $31.6144, 0.3574, 0.3141$ is the 20% darker color. If you saturate the color by 10%, you get $51.3677, 0.3710, 0.3119$, and if you desaturate by 10%, it is $75.1276, 0.3299, 0.3230$.

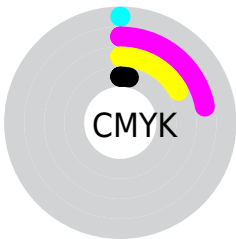
Distribution



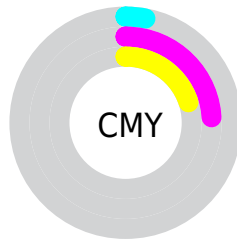
- Red (97%)
- Green (76%)
- Blue (80%)



- Red (97%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2737, 0.3483, 0.3175 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 62.2737, 0.3483, 0.3175 by changing the saturation by 10% instead.


 62.2737, 0.3483,
0.3175

 62.2737, 0.3483,
0.3175

432.9288, 0.3313,
0.3231

 45.2539, 0.3523,
0.3162


 108.1210, 0.3423,
0.3195

 31.6575, 0.3573,
0.3145


137.7173, 0.3400,
0.3202

 21.1000, 0.3638,
0.3123


172.2745, 0.3380,
0.3209

 13.1971, 0.3725,
0.3093

212.1771, 0.3363,
0.3214

 7.5644, 0.3848,
0.3051

257.8094, 0.3348,
0.3219

 3.8175, 0.4032,
0.2986

309.5559, 0.3335,

 1.5720, 0.4341,

0.3224

0.2875

367.8009, 0.3324,
0.3227

0.3386, 0.5920,
0.2409

0.0000, 0.0000,
0.0000

62.2737, 0.3483,
0.3175

62.2737, 0.3483,
0.3175

51.3677, 0.3710,
0.3119

75.1276, 0.3299,
0.3230

42.3063, 0.3986,
0.3065

90.0092, 0.3151,
0.3281

34.9893, 0.4316,
0.3018

98.5056, 0.3078,
0.3290

29.3038, 0.4696,
0.2986

■ 25.1235, 0.5109,
0.2979

■ 22.3032, 0.5519,
0.3005

■ 20.6689, 0.5876,
0.3068

■ 19.9984, 0.6103,
0.3136

Harmonies

Analogous

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



62.2737, 0.3235, 0.2986



62.2737, 0.3483, 0.3175



62.2737, 0.3635, 0.3398

Triad

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



62.2737, 0.3483, 0.3175



62.2737, 0.3272, 0.3753



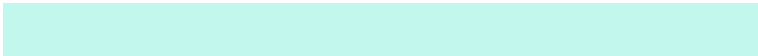
62.2737, 0.2635, 0.2951

Complementary

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



62.2737, 0.3483, 0.3175



83.8879, 0.2860, 0.3409

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.



62.2737, 0.2645, 0.3147



62.2737, 0.3483, 0.3175



62.2737, 0.3005, 0.3626

Square

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



62.2737, 0.3483, 0.3175



62.2737, 0.3507, 0.3740



62.2737, 0.2778, 0.3397



62.2737, 0.2750, 0.2855

Rectangle

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



62.2737, 0.3483, 0.3175



62.2737, 0.3657, 0.3541



62.2737, 0.2778, 0.3397



62.2737, 0.2624, 0.3007

Sweetspot

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



62.2765, 0.3483, 0.3175



88.2533, 0.3224, 0.3255



62.5714, 0.3064, 0.2731



18.6841, 0.3233, 0.3252



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.



62.2765, 0.3483, 0.3175



61.8000, 0.3573, 0.3152



68.8774, 0.3539, 0.3452



16.5377, 0.3262, 0.3242



10.5972, 0.6066, 0.3115



0.9456, 0.5732, 0.2931

Inverse Universe

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



62.2765, 0.3483, 0.3175



61.8000, 0.3573, 0.3152



75.5827, 0.2790, 0.3122



16.5377, 0.3262, 0.3242



10.5972, 0.6066, 0.3115



0.9456, 0.5732, 0.2931

Previews

White Background



This preview shows how the Yxy color 62.2737, 0.3483, 0.3175 looks on a white background.

Color Contrast Check

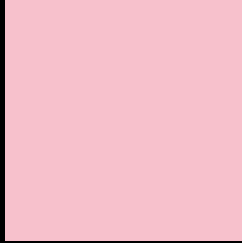
Large Text (above 18pt) WCAG AA × Fail

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 62.2737, 0.3483, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

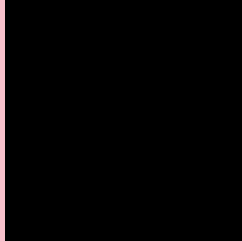
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2737, 0.3483, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 62.2737, 0.3483, 0.3175.



This preview shows how white text looks on a background with the Yxy color 62.2737, 0.3483, 0.3175.

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

62.2737, 0.3483, 0.3175

Protanopia

62.4514, 0.3108, 0.3221

Deuteranopia

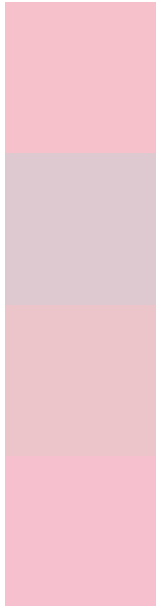
62.2784, 0.3334, 0.3257



Tritanopia

61.9784, 0.3461, 0.3133

Trichromacy



Original Color

62.2737, 0.3483, 0.3175

Protanomaly

62.0647, 0.3240, 0.3201

Deuteranomaly

62.0772, 0.3395, 0.3226

Tritanomaly

61.9297, 0.3469, 0.3143

Monochromacy



Original Color

62.2737, 0.3483, 0.3175

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.4278, 0.3245, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2737, 0.3483, 0.3175 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, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(247, 193, 204)  
}
```

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, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 193, 204) }
```

Border

The CSS property to change the border of an element to Yxy 62.2737, 0.3483, 0.3175 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, 193, 204) }
```

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

```
.border{ border-color:rgb(247, 193, 204) }
```

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

Here you see how a box with a 4 pixel rgb(247, 193, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(247, 193,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2737, 0.3483, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 193, 204) }
```

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

```
.background{ background-color: rgb(247,  
193, 204) }
```

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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