

Converting Colors

$Yxy(62.3316, 0.3601, 0.3382)$

Have a look what the booklet for
Yxy(62.3316, 0.3601, 0.3382)
contains.

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Color

Yxy(62.4802, 0.3599, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	F5C4BB
RGB	245, 196, 187
RGB Percent	96%, 77%, 73%
CMY	0.0391, 0.2314, 0.2667
CMYK	0.00, 0.20, 0.24, 0.04
HSL	9°, 74%, 85%
HSV	9°, 24%, 96%
XYZ	66.3714, 62.4802, 55.5646
YIQ	209.6250, 32.0930, 7.5890

Conversions

Conversions Part 2

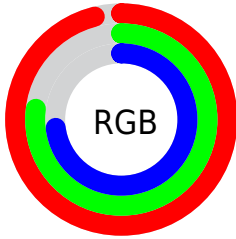
Format	Color
R _Y B	245, 198, 187
Decimal	16106683
CIE Lab	83.17, 16.14, 11.16
CIE LCh	83, 19.623, 34.645
Yxy	62.4802, 0.3599, 0.3388
Android (android.graphics.Color)	4294296763 (0xFFFF5C4BB)
YUV	209.6250, -11.1541, 31.0239
Hunter-Lab	79.0444, 11.5537, 13.6529

Details

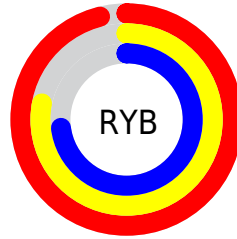
The Yxy color **62.4802, 0.3599, 0.3388** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1558, 0.2769, 0.3190**, and the grayscale version is **64.2511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9816, 0.3198, 0.3386**, and **31.7586, 0.3720, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **52.8198, 0.3874, 0.3432**, and if you desaturate by 10%, it is **73.6134, 0.3372, 0.3345**.

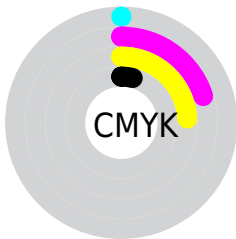
Distribution



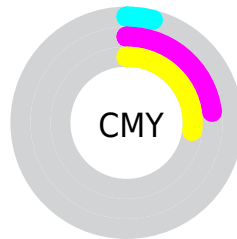
- Red (96%)
- Green (77%)
- Blue (73%)



- Red (96%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4802, 0.3599, 0.3388 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 62.4802, 0.3599, 0.3388 by changing the saturation by 10% instead.


 62.4802, 0.3599,
0.3388

 62.4802, 0.3599,
0.3388

433.6806, 0.3373,
0.3346

 45.4208, 0.3653,
0.3397


 108.4193, 0.3519,
0.3374

 31.7890, 0.3720,
0.3407


138.0677, 0.3488,
0.3368

 21.2004, 0.3807,
0.3420


172.6813, 0.3462,
0.3363

 13.2706, 0.3924,
0.3434

212.6445, 0.3439,
0.3359

 7.6151, 0.4088,
0.3451

258.3416, 0.3419,
0.3355

 3.8497, 0.4335,
0.3468

310.1571, 0.3402,

 1.5898, 0.4753,

0.3352

0.3480

368.4752, 0.3386,
0.3349

0.3507, 0.6747,
0.3253

0.0000, 0.0000,
0.0000

62.4802, 0.3599,
0.3388

62.4802, 0.3599,
0.3388

52.8198, 0.3874,
0.3432

73.6134, 0.3372,
0.3345

44.5622, 0.4203,
0.3474

86.2686, 0.3187,
0.3304

37.6442, 0.4585,
0.3509

98.1576, 0.3066,
0.3290

31.9947, 0.5010,
0.3531

■ 27.5359, 0.5445,
0.3530

■ 24.1809, 0.5842,
0.3500

■ 21.8310, 0.6142,
0.3443

■ 20.8072, 0.6272,
0.3402

Harmonies

Analogous

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



62.4802, 0.3455, 0.3179



62.4802, 0.3599, 0.3388



62.4802, 0.3610, 0.3582

Triad

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



62.4802, 0.3599, 0.3388



62.4802, 0.3018, 0.3606



62.4802, 0.2771, 0.2884

Complementary

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



62.4802, 0.3599, 0.3388



77.1558, 0.2769, 0.3190

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.



62.4802, 0.2666, 0.2977



62.4802, 0.3599, 0.3388



62.4802, 0.2804, 0.3395

Square

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



62.4802, 0.3599, 0.3388



62.4802, 0.3268, 0.3722



62.4802, 0.2677, 0.3162



62.4802, 0.2973, 0.2895

Rectangle

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



62.4802, 0.3599, 0.3388



62.4802, 0.3540, 0.3677



62.4802, 0.2677, 0.3162



62.4802, 0.2724, 0.2903

Sweetspot

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



62.4831, 0.3599, 0.3388



89.6575, 0.3244, 0.3317



61.0255, 0.3220, 0.2783



19.0080, 0.3255, 0.3320



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.



62.4831, 0.3599, 0.3388



63.5946, 0.3713, 0.3407



76.6997, 0.3531, 0.3685



16.8979, 0.3290, 0.3327



11.3322, 0.6251, 0.3418



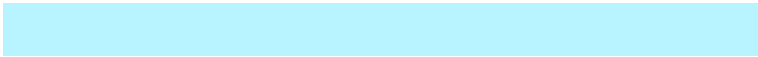
1.1169, 0.6041, 0.3585

Inverse Universe

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



77.1558, 0.2769, 0.3190



82.0092, 0.2707, 0.3169



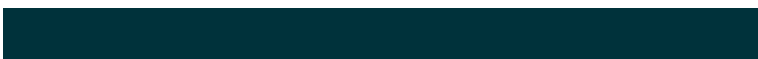
61.9272, 0.2742, 0.2860



18.2937, 0.2980, 0.3252



27.7471, 0.2108, 0.2788



2.5544, 0.2127, 0.2858

Previews

White Background



This preview shows how the Yxy color 62.4802, 0.3599, 0.3388 looks on a white background.

Color Contrast Check

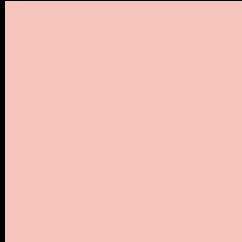
Large Text (above 18pt) WCAG AA × Fail

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 62.4802, 0.3599, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

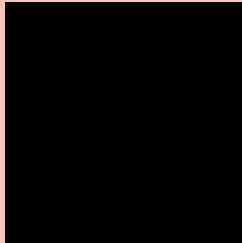
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4802, 0.3599, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 62.4802, 0.3599, 0.3388.

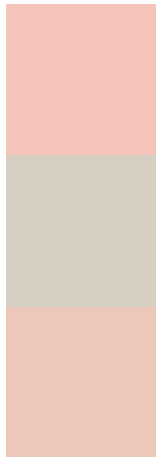


This preview shows how white text looks on a background with the Yxy color 62.4802, 0.3599, 0.3388.

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

62.4802, 0.3599, 0.3388

Protanopia

62.9230, 0.3289, 0.3451

Deuteranopia

62.5159, 0.3515, 0.3445



Tritanopia

62.4682, 0.3451, 0.3133

Trichromacy



Original Color

62.4802, 0.3599, 0.3388

Protanomaly

62.6422, 0.3397, 0.3425

Deuteranomaly

62.7427, 0.3550, 0.3433

Tritanomaly

62.3465, 0.3506, 0.3227

Monochromacy



Original Color

62.4802, 0.3599, 0.3388

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6149, 0.3288, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4802, 0.3599, 0.3388 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(245, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 187)  
}
```

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(245, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 187) }
```

Border

The CSS property to change the border of an element to Yxy 62.4802, 0.3599, 0.3388 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(245, 196, 187) }
```

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

```
.border{ border-color:rgb(245, 196, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 196, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 196, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 196, 187);  
box-shadow:4px 4px 4px 4px rgb(245, 196,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4802, 0.3599, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 187) }
```

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

```
.background{ background-color: rgb(245,  
196, 187) }
```

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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