

Converting Colors

Yxy(60.2982, 0.3407, 0.3090)

Have a look what the booklet for
Yxy(60.2982, 0.3407, 0.3090)
contains.

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Color

Yxy(60.3076, 0.3407, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	F2BED1
RGB	242, 190, 209
RGB Percent	95%, 75%, 82%
CMY	0.0510, 0.2549, 0.1804
CMYK	0.00, 0.21, 0.14, 0.05
HSL	338°, 67%, 85%
HSV	338°, 21%, 95%
XYZ	66.5376, 60.3076, 68.4515
YIQ	207.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

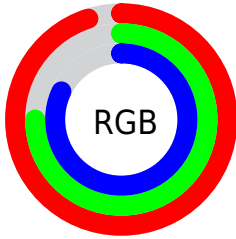
Format	Color
R _Y B	242, 190, 209
Decimal	15908561
CIE Lab	82.01, 21.53, -2.36
CIE LCh	82, 21.655, 353.751
Yxy	60.3076, 0.3407, 0.3088
Android (android.graphics.Color)	4294098641 (0xFFFF2BED1)
YUV	207.7140, 0.6340, 30.0688
Hunter-Lab	77.6580, 17.0379, 2.0995

Details

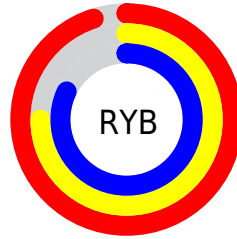
The Yxy color $60.3076, 0.3407, 0.3088$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.7769, 0.2911, 0.3502$, and the grayscale version is $62.8667, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $30.2892, 0.3471, 0.3028$ is the 20% darker color. If you saturate the color by 10%, you get $49.9582, 0.3584, 0.2988$, and if you desaturate by 10%, it is $72.4762, 0.3262, 0.3185$.

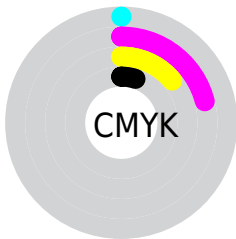
Distribution



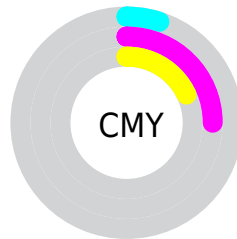
- Red (95%)
- Green (75%)
- Blue (82%)



- Red (95%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3076, 0.3407, 0.3088 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 60.3076, 0.3407, 0.3088 by changing the saturation by 10% instead.


 60.3076, 0.3407,
0.3088

 60.3076, 0.3407,
0.3088


425.7306, 0.3274,
0.3184

 43.6666, 0.3438,
0.3066


 105.2758, 0.3360,
0.3122

 30.4085, 0.3478,
0.3038


134.3717, 0.3342,
0.3135

 20.1489, 0.3529,
0.3002


168.3881, 0.3326,
0.3146

 12.5033, 0.3597,
0.2954


207.7094, 0.3313,
0.3155

 7.0874, 0.3693,
0.2887

252.7198, 0.3301,
0.3164

 3.5168, 0.3837,
0.2788

303.8040, 0.3291,

 1.4071, 0.4080,

0.3171

0.2624

361.3461, 0.3282,
0.3178

0.2220, 0.5396,
0.1626

0.0000, 0.0000,
0.0000

60.3076, 0.3407,
0.3088

60.3076, 0.3407,
0.3088

49.9582, 0.3584,
0.2988

72.4762, 0.3262,
0.3185

41.3318, 0.3797,
0.2890

86.5376, 0.3143,
0.3277

34.3360, 0.4048,
0.2801

97.6161, 0.3047,
0.3290

28.8660, 0.4338,
0.2731

■ 24.8051, 0.4658,
0.2692

■ 22.0190, 0.4991,
0.2697

■ 20.3471, 0.5312,
0.2754

■ 19.5870, 0.5560,
0.2837

Harmonies

Analogous

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



60.3076, 0.3130, 0.2916



60.3076, 0.3407, 0.3088



60.3076, 0.3612, 0.3312

Triad

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



60.3076, 0.3407, 0.3088



60.3076, 0.3380, 0.3786



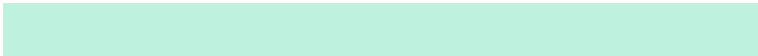
60.3076, 0.2603, 0.3004

Complementary

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



60.3076, 0.3407, 0.3088



79.7769, 0.2911, 0.3502

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.



60.3076, 0.2664, 0.3237



60.3076, 0.3407, 0.3088



60.3076, 0.3105, 0.3708

Square

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



60.3076, 0.3407, 0.3088



60.3076, 0.3593, 0.3718



60.3076, 0.2844, 0.3501



60.3076, 0.2674, 0.2861

Rectangle

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



60.3076, 0.3407, 0.3088



60.3076, 0.3675, 0.3467



60.3076, 0.2844, 0.3501



60.3076, 0.2609, 0.3074

Sweetspot

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



60.3103, 0.3407, 0.3088



90.0139, 0.3194, 0.3236



58.9187, 0.3006, 0.2731



19.0443, 0.3201, 0.3230



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.



60.3103, 0.3407, 0.3088



62.3260, 0.3484, 0.3042



62.4998, 0.3547, 0.3366



15.8543, 0.3236, 0.3204



10.5469, 0.5517, 0.2813



0.8959, 0.5155, 0.2614

Inverse Universe

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



60.3103, 0.3407, 0.3088



62.3260, 0.3484, 0.3042



76.8111, 0.2802, 0.3213



15.8543, 0.3236, 0.3204



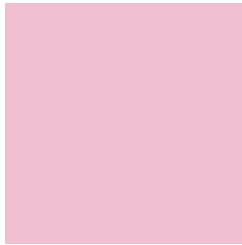
10.5469, 0.5517, 0.2813



0.8959, 0.5155, 0.2614

Previews

White Background



This preview shows how the Yxy color 60.3076, 0.3407, 0.3088 looks on a white background.

Color Contrast Check

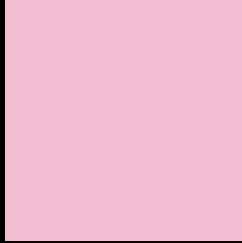
Large Text (above 18pt) WCAG AA × Fail

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 60.3076, 0.3407, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

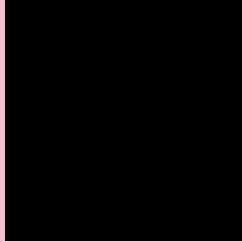
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3076, 0.3407, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 60.3076, 0.3407, 0.3088.

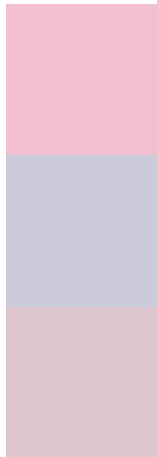


This preview shows how white text looks on a background with the Yxy color 60.3076, 0.3407, 0.3088.

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

60.3076, 0.3407, 0.3088

Protanopia

60.5590, 0.3037, 0.3128

Deuteranopia

60.4718, 0.3243, 0.3178



Tritanopia

60.5466, 0.3438, 0.3141

Trichromacy



Original Color

60.3076, 0.3407, 0.3088

Protanomaly

60.1486, 0.3167, 0.3110

Deuteranomaly

60.2423, 0.3302, 0.3147

Tritanomaly

60.5951, 0.3430, 0.3130

Monochromacy



Original Color

60.3076, 0.3407, 0.3088

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.5430, 0.3224, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3076, 0.3407, 0.3088 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(242, 190, 209)` looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 209)  
}
```

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(242, 190, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.3076, 0.3407, 0.3088 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(242, 190, 209) }
```

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

```
.border{ border-color:rgb(242, 190, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 190, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 190, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 190,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3076, 0.3407, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 209) }
```

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

```
.background{ background-color: rgb(242,  
190, 209) }
```

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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