

Converting Colors

Yxy(60.3458, 0.3714, 0.3302)

Have a look what the booklet for
Yxy(60.3458, 0.3714, 0.3302)
contains.

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Color

Yxy(60.3458, 0.3714, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBBA
RGB	255, 187, 186
RGB Percent	100%, 73%, 73%
CMY	0.0000, 0.2667, 0.2705
CMYK	0.00, 0.27, 0.27, 0.00
HSL	1°, 100%, 86%
HSV	1°, 27%, 100%
XYZ	67.8753, 60.3458, 54.5342
YIQ	207.2180, 40.8490, 14.1050

Conversions

Conversions Part 2

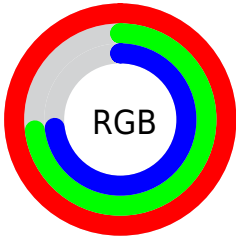
Format	Color
R _Y B	255, 187, 186
Decimal	16759738
CIE Lab	82.03, 24.39, 10.18
CIE LCh	82, 26.432, 22.652
Yxy	60.3458, 0.3714, 0.3302
Android (android.graphics.Color)	4294949818 (0xFFFFBBBA)
YUV	207.2180, -10.4605, 41.9048
Hunter-Lab	77.6826, 20.0203, 12.7554

Details

The Yxy color **60.3458, 0.3714, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.5542, 0.2730, 0.3278**, and the grayscale version is **62.5955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7720, 0.3212, 0.3300**, and **30.3388, 0.3868, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **49.6104, 0.4035, 0.3307**, and if you desaturate by 10%, it is **73.1458, 0.3455, 0.3297**.

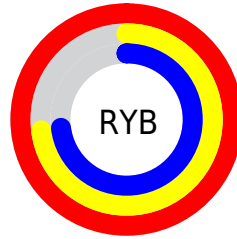
Distribution



Red (100%)

Green (73%)

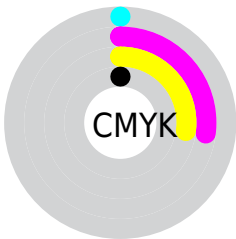
Blue (73%)



Red (100%)

Yellow (73%)

Blue (73%)

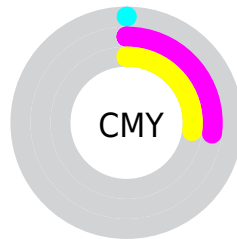


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3458, 0.3714, 0.3302 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 60.3458, 0.3714, 0.3302 by changing the saturation by 10% instead.

 60.3458, 0.3714,
0.3302

 60.3458, 0.3714,
0.3302


425.8712, 0.3431,
0.3302

 43.6974, 0.3782,
0.3300


 105.3311, 0.3613,
0.3303

 30.4327, 0.3867,
0.3298

134.4369, 0.3575,
0.3303

 20.1673, 0.3977,
0.3293


168.4639, 0.3542,
0.3303

 12.5167, 0.4126,
0.3283

207.7965, 0.3514,
0.3303

 7.0966, 0.4335,
0.3266

252.8191, 0.3489,
0.3303

 3.5226, 0.4653,
0.3228

303.9162, 0.3467,

 1.4103, 0.5200,

0.3303

0.3151

361.4721, 0.3448,
0.3302

0.2243, 0.7829,
0.2171

0.0000, 0.0000,
0.0000

60.3458, 0.3714,
0.3302

60.3458, 0.3714,
0.3302

49.6104, 0.4035,
0.3307

73.1458, 0.3455,
0.3297

40.8250, 0.4423,
0.3312

88.1032, 0.3248,
0.3293

33.8748, 0.4871,
0.3315

100.0000, 0.3127,
0.3290

28.6298, 0.5353,
0.3317

■ 24.9431, 0.5809,
0.3316

■ 22.6432, 0.6164,
0.3311

■ 21.5171, 0.6359,
0.3305

■ 21.3391, 0.6394,
0.3305

Harmonies

Analogous

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



60.3458, 0.3456, 0.3036



60.3458, 0.3714, 0.3302



60.3458, 0.3804, 0.3579

Triad

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



60.3458, 0.3714, 0.3302



60.3458, 0.3109, 0.3812



60.3458, 0.2573, 0.2773

Complementary

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



60.3458, 0.3714, 0.3302



88.5542, 0.2730, 0.3278

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.



60.3458, 0.2494, 0.2947



60.3458, 0.3714, 0.3302



60.3458, 0.2792, 0.3560

Square

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



60.3458, 0.3714, 0.3302



60.3458, 0.3443, 0.3898



60.3458, 0.2571, 0.3233



60.3458, 0.2795, 0.2738

Rectangle

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



60.3458, 0.3714, 0.3302



60.3458, 0.3756, 0.3738



60.3458, 0.2571, 0.3233



60.3458, 0.2530, 0.2816

Sweetspot

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



60.3481, 0.3714, 0.3302



86.5896, 0.3265, 0.3293



63.6054, 0.3159, 0.2614



18.0286, 0.3294, 0.3294



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.



60.3481, 0.3714, 0.3302



54.7838, 0.3864, 0.3304



76.2600, 0.3623, 0.3644



18.0286, 0.3294, 0.3294



11.1681, 0.6391, 0.3308



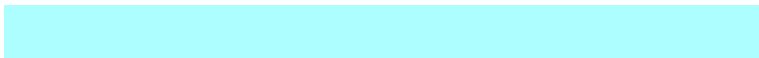
1.1014, 0.6367, 0.3327

Inverse Universe

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



88.5542, 0.2730, 0.3278



86.9284, 0.2667, 0.3276



69.1154, 0.2694, 0.2907



20.4343, 0.2980, 0.3286



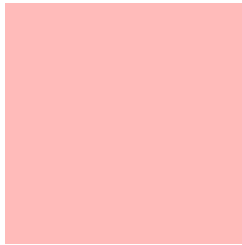
39.9607, 0.2235, 0.3244



3.9046, 0.2236, 0.3249

Previews

White Background



This preview shows how the Yxy color 60.3458, 0.3714, 0.3302 looks on a white background.

Color Contrast Check

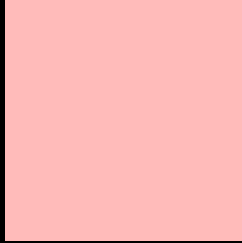
Large Text (above 18pt) WCAG AA × Fail

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 60.3458, 0.3714, 0.3302 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 60.3458, 0.3714, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 60.3458, 0.3714, 0.3302.

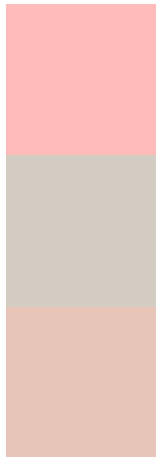


This preview shows how white text looks on a background with the Yxy color 60.3458, 0.3714, 0.3302.

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

60.3458, 0.3714, 0.3302

Protanopia

60.8275, 0.3239, 0.3395

Deuteranopia

60.3821, 0.3504, 0.3436



Tritanopia

60.5013, 0.3605, 0.3156

Trichromacy



Original Color

60.3458, 0.3714, 0.3302

Protanomaly

60.3627, 0.3398, 0.3358

Deuteranomaly

60.1680, 0.3580, 0.3379

Tritanomaly

60.2729, 0.3648, 0.3208

Monochromacy



Original Color

60.3458, 0.3714, 0.3302

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.2794, 0.3325, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3458, 0.3714, 0.3302 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, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 186)  
}
```

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, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 186) }
```

Border

The CSS property to change the border of an element to Yxy 60.3458, 0.3714, 0.3302 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, 187, 186) }
```

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

```
.border{ border-color:rgb(255, 187, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3458, 0.3714, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 186) }
```

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

```
.background{ background-color: rgb(255,  
187, 186) }
```

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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