

Converting Colors

$Yxy(63.6489, 0.3508, 0.3270)$

Have a look what the booklet for
Yxy(63.6489, 0.3508, 0.3270)
contains.

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Color

Yxy(63.6489, 0.3508, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F6C5C7
RGB	246, 197, 199
RGB Percent	96%, 77%, 78%
CMY	0.0353, 0.2274, 0.2196
CMYK	0.00, 0.20, 0.19, 0.04
HSL	358°, 73%, 87%
HSV	358°, 20%, 96%
XYZ	68.2814, 63.6489, 62.7146
YIQ	211.8790, 28.5620, 11.0100

Conversions

Conversions Part 2

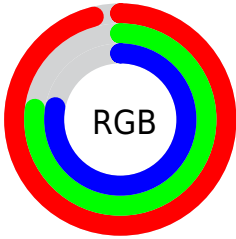
Format	Color
R _{YB}	246, 197, 199
Decimal	16172487
CIE _{Lab}	83.78, 17.71, 5.63
CIE _{LCh}	84, 18.585, 17.647
Y _{xy}	63.6489, 0.3508, 0.3270
Android (android.graphics.Color)	4294362567 (0xFFFF6C5C7)
Y _{UV}	211.8790, -6.3493, 29.9241
Hunter-Lab	79.7803, 13.1572, 9.2388

Details

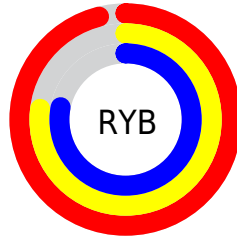
The Yxy color **63.6489, 0.3508, 0.3270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.3181, 0.2839, 0.3311**, and the grayscale version is **65.7842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **32.5081, 0.3606, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **52.3636, 0.3773, 0.3260**, and if you desaturate by 10%, it is **76.9330, 0.3296, 0.3280**.

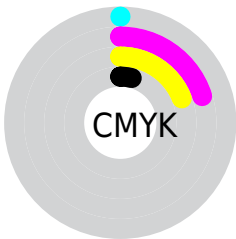
Distribution



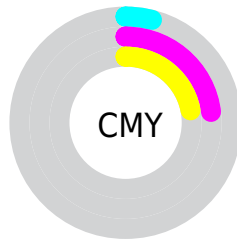
- Red (96%)
- Green (77%)
- Blue (78%)



- Red (96%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6489, 0.3508, 0.3270 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 63.6489, 0.3508, 0.3270 by changing the saturation by 10% instead.


 63.6489, 0.3508,
0.3270

 63.6489, 0.3508,
0.3270

437.9207, 0.3326,
0.3282

 46.3664, 0.3551,
0.3267


110.1051, 0.3444,
0.3275

 32.5350, 0.3605,
0.3262


140.0476, 0.3419,
0.3276

 21.7705, 0.3674,
0.3256


174.9789, 0.3398,
0.3278

 13.6884, 0.3767,
0.3247

215.2833, 0.3380,
0.3279

 7.9042, 0.3897,
0.3232

261.3453, 0.3364,
0.3280

 4.0337, 0.4093,
0.3207

313.5493, 0.3350,

 1.6924, 0.4420,

0.3280

0.3156

372.2796, 0.3337,
0.3281

0.4188, 0.6333,
0.3194

0.0000, 0.0000,
0.0000

63.6489, 0.3508,
0.3270

63.6489, 0.3508,
0.3270

52.3636, 0.3773,
0.3260

76.9330, 0.3296,
0.3280

42.9722, 0.4100,
0.3250

92.2967, 0.3126,
0.3290

35.3737, 0.4492,
0.3241

98.3337, 0.3072,
0.3290

29.4538, 0.4942,
0.3237

■ 25.0854, 0.5416,
0.3239

■ 22.1233, 0.5856,
0.3249

■ 20.3947, 0.6189,
0.3267

■ 19.6204, 0.6370,
0.3283

■ 19.6156, 0.6371,
0.3283

Harmonies

Analogous

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



63.6489, 0.3319, 0.3084



63.6489, 0.3508, 0.3270



63.6489, 0.3592, 0.3467

Triad

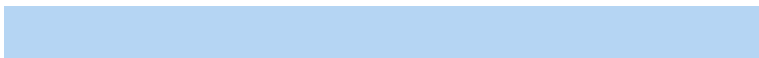
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.6489, 0.3508, 0.3270



63.6489, 0.3158, 0.3663



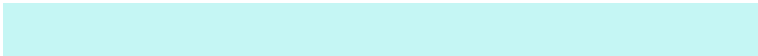
63.6489, 0.2722, 0.2945

Complementary

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



63.6489, 0.3508, 0.3270



84.3181, 0.2839, 0.3311

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.



63.6489, 0.2684, 0.3086



63.6489, 0.3508, 0.3270



63.6489, 0.2930, 0.3509

Square

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



63.6489, 0.3508, 0.3270



63.6489, 0.3384, 0.3704



63.6489, 0.2759, 0.3293



63.6489, 0.2865, 0.2899

Rectangle

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



63.6489, 0.3508, 0.3270



63.6489, 0.3575, 0.3582



63.6489, 0.2759, 0.3293



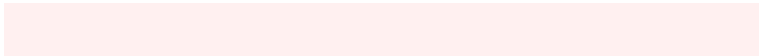
63.6489, 0.2697, 0.2982

Sweetspot

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



63.6518, 0.3508, 0.3270



89.7140, 0.3225, 0.3284



65.7426, 0.3132, 0.2792



18.9736, 0.3236, 0.3284



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.



63.6518, 0.3508, 0.3270



63.7530, 0.3610, 0.3266



74.3169, 0.3479, 0.3521



16.4934, 0.3287, 0.3281



10.4745, 0.6358, 0.3276



0.9244, 0.6252, 0.3218

Inverse Universe

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



63.6518, 0.3508, 0.3270



63.7530, 0.3610, 0.3266



71.8123, 0.2813, 0.3047



16.4934, 0.3287, 0.3281



10.4745, 0.6358, 0.3276



0.9244, 0.6252, 0.3218

Previews

White Background



This preview shows how the Yxy color 63.6489, 0.3508, 0.3270 looks on a white background.

Color Contrast Check

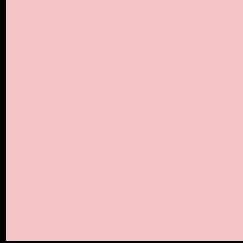
Large Text (above 18pt) WCAG AA × Fail

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 63.6489, 0.3508, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

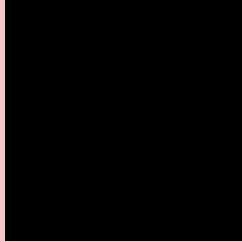
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6489, 0.3508, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 63.6489, 0.3508, 0.3270.



This preview shows how white text looks on a background with the Yxy color 63.6489, 0.3508, 0.3270.

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

63.6489, 0.3508, 0.3270

Protanopia

63.8157, 0.3194, 0.3324

Deuteranopia

63.6419, 0.3402, 0.3335



Tritanopia

63.4575, 0.3432, 0.3133

Trichromacy



Original Color

63.6489, 0.3508, 0.3270

Protanomaly

63.6663, 0.3305, 0.3302

Deuteranomaly

63.5629, 0.3445, 0.3313

Tritanomaly

63.7102, 0.3462, 0.3186

Monochromacy



Original Color

63.6489, 0.3508, 0.3270

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.9779, 0.3257, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6489, 0.3508, 0.3270 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(246, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 199)  
}
```

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(246, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 199) }
```

Border

The CSS property to change the border of an element to Yxy 63.6489, 0.3508, 0.3270 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(246, 197, 199) }
```

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

```
.border{ border-color:rgb(246, 197, 199) }
```

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

Here you see how a box with a 4 pixel rgb(246, 197, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(246, 197,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6489, 0.3508, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 197, 199) }
```

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

```
.background{ background-color: rgb(246,  
197, 199) }
```

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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