

Converting Colors

Yxy(60.0890, 0.3714, 0.3456)

Have a look what the booklet for
Yxy(60.0890, 0.3714, 0.3456)
contains.

Yxy(59.9890, 0.3711, 0.3453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.9890, 0.3711, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	F6BFB0
RGB	246, 191, 176
RGB Percent	96%, 75%, 69%
CMY	0.0354, 0.2509, 0.3097
CMYK	0.00, 0.22, 0.28, 0.04
HSL	13°, 80%, 83%
HSV	13°, 28%, 96%
XYZ	64.4712, 59.9890, 49.2699
YIQ	205.7350, 37.5950, 6.9950

Conversions

Conversions Part 2

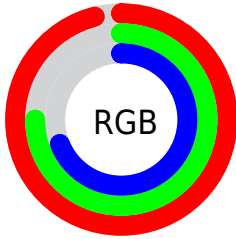
Format	Color
R _Y B	246, 195, 176
Decimal	16170928
CIE Lab	81.83, 17.63, 15.13
CIE LCh	82, 23.231, 40.641
Yxy	59.9890, 0.3711, 0.3453
Android (android.graphics.Color)	4294361008 (0xFFFF6BFB0)
YUV	205.7350, -14.6594, 35.3124
Hunter-Lab	77.4526, 13.0408, 16.5007

Details

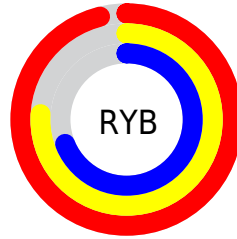
The Yxy color **59.9890, 0.3711, 0.3453** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.0399, 0.2696, 0.3120**, and the grayscale version is **61.6228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6077, 0.3270, 0.3437**, and **30.1402, 0.3876, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **51.2216, 0.3999, 0.3513**, and if you desaturate by 10%, it is **70.0512, 0.3470, 0.3393**.

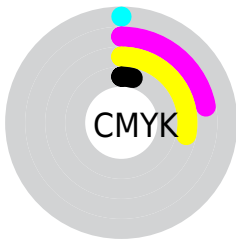
Distribution



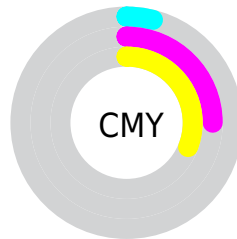
- Red (96%)
- Green (75%)
- Blue (69%)



- Red (96%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9890, 0.3711, 0.3453 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 59.9890, 0.3711, 0.3453 by changing the saturation by 10% instead.

 59.9890, 0.3711,
0.3453

 59.9890, 0.3711,
0.3453

424.5572, 0.3429,
0.3382

 43.4098, 0.3778,
0.3468


 104.8137, 0.3611,
0.3429

 30.2068, 0.3863,
0.3486


133.8280, 0.3572,
0.3420

 19.9956, 0.3973,
0.3507


167.7560, 0.3540,
0.3411

 12.3918, 0.4121,
0.3532

206.9823, 0.3511,
0.3404

 7.0111, 0.4329,
0.3561

251.8912, 0.3487,
0.3397

 3.4691, 0.4641,
0.3589

302.8670, 0.3465,

 1.3812, 0.5310,

0.3392

0.3703

360.2942, 0.3446,
0.3386

0.2028, 0.7544,
0.2456

0.0000, 0.0000,
0.0000

59.9890, 0.3711,
0.3453

59.9890, 0.3711,
0.3453

51.2216, 0.3999,
0.3513

70.0512, 0.3470,
0.3393

43.6879, 0.4337,
0.3568

81.4495, 0.3269,
0.3336

37.3340, 0.4720,
0.3611

94.2337, 0.3103,
0.3282

32.0991, 0.5130,
0.3632

98.3299, 0.3072,
0.3290

■ 27.9164, 0.5535,
0.3621

■ 24.7117, 0.5887,
0.3571

■ 22.3973, 0.6143,
0.3490

■ 22.1069, 0.6176,
0.3478

Harmonies

Analogous

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



59.9890, 0.3567, 0.3204



59.9890, 0.3711, 0.3453



59.9890, 0.3688, 0.3676

Triad

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



59.9890, 0.3711, 0.3453



59.9890, 0.2938, 0.3628



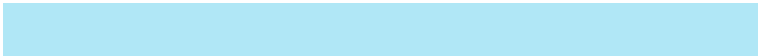
59.9890, 0.2742, 0.2799

Complementary

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



59.9890, 0.3711, 0.3453



73.0399, 0.2696, 0.3120

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.



59.9890, 0.2592, 0.2882



59.9890, 0.3711, 0.3453



59.9890, 0.2700, 0.3358

Square

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



59.9890, 0.3711, 0.3453



59.9890, 0.3234, 0.3797



59.9890, 0.2577, 0.3082



59.9890, 0.2998, 0.2838

Rectangle

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



59.9890, 0.3711, 0.3453



59.9890, 0.3584, 0.3778



59.9890, 0.2577, 0.3082



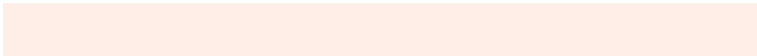
59.9890, 0.2678, 0.2812

Sweetspot

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



59.9918, 0.3711, 0.3453



87.6370, 0.3280, 0.3339



56.4779, 0.3270, 0.2712



18.3549, 0.3307, 0.3347



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.



59.9918, 0.3711, 0.3453



59.5826, 0.3867, 0.3487



76.5748, 0.3613, 0.3803



17.0576, 0.3288, 0.3341



11.9664, 0.6151, 0.3498



1.1959, 0.5918, 0.3683

Inverse Universe

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



73.0399, 0.2696, 0.3120



75.8183, 0.2617, 0.3081



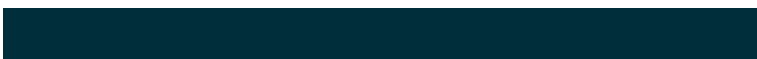
55.8260, 0.2654, 0.2718



18.1201, 0.2980, 0.3238



24.1975, 0.2052, 0.2585



2.2732, 0.2079, 0.2684

Previews

White Background



This preview shows how the Yxy color 59.9890, 0.3711, 0.3453 looks on a white background.

Color Contrast Check

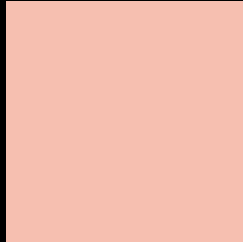
Large Text (above 18pt) WCAG AA × Fail

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 59.9890, 0.3711, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

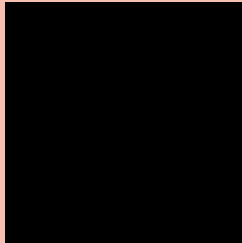
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9890, 0.3711, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 59.9890, 0.3711, 0.3453.



This preview shows how white text looks on a background with the Yxy color 59.9890, 0.3711, 0.3453.

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

59.9890, 0.3711, 0.3453

Protanopia

60.0863, 0.3352, 0.3537

Deuteranopia

60.0674, 0.3604, 0.3525



Tritanopia

59.9447, 0.3528, 0.3133

Trichromacy



Original Color

59.9890, 0.3711, 0.3453

Protanomaly

59.9894, 0.3473, 0.3508

Deuteranomaly

59.8559, 0.3643, 0.3501

Tritanomaly

59.7732, 0.3593, 0.3238

Monochromacy



Original Color

59.9890, 0.3711, 0.3453

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0856, 0.3330, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9890, 0.3711, 0.3453 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, 191, 176)` looks like.

```
.text, #text, p{  
    color:rgb(246, 191, 176)  
}
```

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, 191, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 191, 176) }
```

Border

The CSS property to change the border of an element to Yxy 59.9890, 0.3711, 0.3453 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, 191, 176) }
```

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

```
.border{ border-color:rgb(246, 191, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 191, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 191, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 191, 176);  
box-shadow:4px 4px 4px 4px rgb(246, 191,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9890, 0.3711, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 191, 176) }
```

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

```
.background{ background-color: rgb(246,  
191, 176) }
```

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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