

Converting Colors

$Yxy(58.8603, 0.3529, 0.3268)$

Have a look what the booklet for
Yxy(58.8603, 0.3529, 0.3268)
contains.

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Color

Yxy(59.1579, 0.3529, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	F0BEC0
RGB	240, 190, 192
RGB Percent	94%, 75%, 75%
CMY	0.0589, 0.2549, 0.2469
CMYK	0.00, 0.21, 0.20, 0.06
HSL	358°, 62%, 84%
HSV	358°, 21%, 94%
XYZ	63.8630, 59.1579, 57.9454
YIQ	205.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

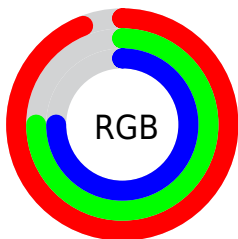
Format	Color
R _Y B	240, 190, 192
Decimal	15777472
CIE Lab	81.38, 18.20, 5.82
CIE LCh	81, 19.106, 17.731
Yxy	59.1579, 0.3529, 0.3269
Android (android.graphics.Color)	4293967552 (0xFFFF0BEC0)
YUV	205.1780, -6.4968, 30.5389
Hunter-Lab	76.9142, 13.6115, 9.1722

Details

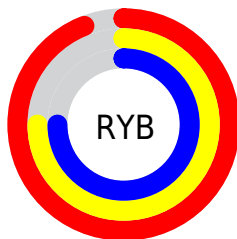
The Yxy color **59.1579, 0.3529, 0.3269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4304, 0.2827, 0.3312**, and the grayscale version is **61.2001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9488, 0.3173, 0.3271**, and **29.5397, 0.3629, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **48.6638, 0.3799, 0.3258**, and if you desaturate by 10%, it is **71.5286, 0.3313, 0.3279**.

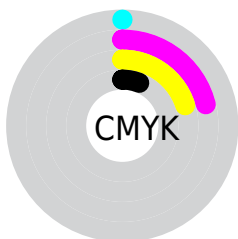
Distribution



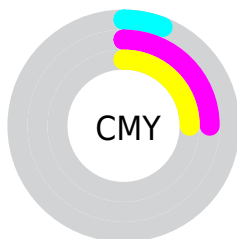
- Red (94%)
- Green (75%)
- Blue (75%)



- Red (94%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1579, 0.3529, 0.3269 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 59.1579, 0.3529, 0.3269 by changing the saturation by 10% instead.

 59.1579, 0.3529,
0.3269

 59.1579, 0.3529,
0.3269


421.4868, 0.3335,
0.3282

 42.7402, 0.3576,
0.3265


 103.6071, 0.3460,
0.3274

 29.6814, 0.3634,
0.3260


132.4075, 0.3434,
0.3276

 19.5969, 0.3711,
0.3253


166.1042, 0.3411,
0.3277

 12.1023, 0.3814,
0.3243

205.0816, 0.3392,
0.3278

 6.8134, 0.3961,
0.3226

249.7242, 0.3375,
0.3279

 3.3457, 0.4186,
0.3195

300.4164, 0.3360,

 1.3148, 0.4574,

0.3280

0.3130

357.5424, 0.3347,
0.3281

0.1526, 0.7943,
0.2057

0.0000, 0.0000,
0.0000

59.1579, 0.3529,
0.3269

59.1579, 0.3529,
0.3269

48.6638, 0.3799,
0.3258

71.5286, 0.3313,
0.3279

39.9472, 0.4131,
0.3249

85.8527, 0.3140,
0.3289

32.9119, 0.4528,
0.3241

97.2629, 0.3035,
0.3290

27.4498, 0.4980,
0.3237

■ 23.4398, 0.5454,
0.3240

■ 20.7436, 0.5887,
0.3250

■ 19.1957, 0.6209,
0.3268

■ 18.5443, 0.6370,
0.3283

Harmonies

Analogous

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



59.1579, 0.3330, 0.3074



59.1579, 0.3529, 0.3269



59.1579, 0.3617, 0.3476

Triad

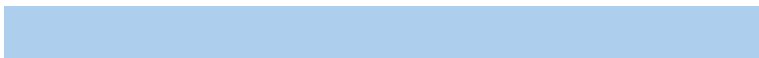
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1579, 0.3529, 0.3269



59.1579, 0.3159, 0.3683



59.1579, 0.2702, 0.2926

Complementary

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



59.1579, 0.3529, 0.3269



79.4304, 0.2827, 0.3312

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.



59.1579, 0.2661, 0.3074



59.1579, 0.3529, 0.3269



59.1579, 0.2919, 0.3520

Square

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



59.1579, 0.3529, 0.3269



59.1579, 0.3397, 0.3727



59.1579, 0.2739, 0.3292



59.1579, 0.2852, 0.2879

Rectangle

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



59.1579, 0.3529, 0.3269



59.1579, 0.3599, 0.3597



59.1579, 0.2739, 0.3292



59.1579, 0.2675, 0.2965

Sweetspot

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



59.1606, 0.3529, 0.3269



89.7142, 0.3225, 0.3284



61.2091, 0.3132, 0.2769



18.9737, 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.



59.1606, 0.3529, 0.3269



62.5188, 0.3637, 0.3265



69.5772, 0.3497, 0.3532



15.7693, 0.3287, 0.3281



10.1574, 0.6358, 0.3276



0.8486, 0.6246, 0.3214

Inverse Universe

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



59.1606, 0.3529, 0.3269



62.5188, 0.3637, 0.3265



67.1202, 0.2799, 0.3035



15.7693, 0.3287, 0.3281



10.1574, 0.6358, 0.3276



0.8486, 0.6246, 0.3214

Previews

White Background



This preview shows how the Yxy color 59.1579, 0.3529, 0.3269 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 59.1579, 0.3529, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

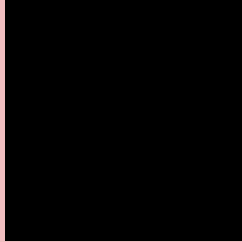
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1579, 0.3529, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 59.1579, 0.3529, 0.3269.



This preview shows how white text looks on a background with the Yxy color 59.1579, 0.3529, 0.3269.

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

59.1579, 0.3529, 0.3269

Protanopia

59.5837, 0.3195, 0.3337

Deuteranopia

59.4102, 0.3409, 0.3347



Tritanopia

58.9790, 0.3451, 0.3129

Trichromacy



Original Color

59.1579, 0.3529, 0.3269

Protanomaly

59.4338, 0.3310, 0.3313

Deuteranomaly

59.3341, 0.3454, 0.3324

Tritanomaly

59.2195, 0.3482, 0.3183

Monochromacy



Original Color

59.1579, 0.3529, 0.3269

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3841, 0.3269, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1579, 0.3529, 0.3269 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(240, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 190, 192)  
}
```

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(240, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 190, 192) }
```

Border

The CSS property to change the border of an element to Yxy 59.1579, 0.3529, 0.3269 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(240, 190, 192) }
```

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

```
.border{ border-color:rgb(240, 190, 192) }
```

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

Here you see how a box with a 4 pixel rgb(240, 190, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 190,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1579, 0.3529, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 190, 192) }
```

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

```
.background{ background-color: rgb(240,  
190, 192) }
```

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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