

Converting Colors

$Yxy(59.3398, 0.3619, 0.3390)$

Have a look what the booklet for
Yxy(59.3398, 0.3619, 0.3390)
contains.

Yxy(59.3398, 0.3619, 0.3390)	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(59.3398, 0.3619, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	F1BFB6
RGB	241, 191, 182
RGB Percent	95%, 75%, 71%
CMY	0.0549, 0.2510, 0.2864
CMYK	0.00, 0.21, 0.24, 0.05
HSL	9°, 68%, 83%
HSV	9°, 24%, 95%
XYZ	63.3483, 59.3398, 52.3556
YIQ	204.9240, 32.6890, 7.8010

Conversions

Conversions Part 2

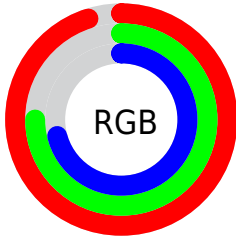
Format	Color
R_{YB}	241, 193, 182
Decimal	15843254
CIE _{Lab}	81.48, 16.59, 11.38
CIE _{LCh}	81, 20.117, 34.449
Yxy	59.3398, 0.3619, 0.3390
Android (android.graphics.Color)	4294033334 (0xFFFF1BFB6)
YUV	204.9240, -11.3015, 31.6387
Hunter-Lab	77.0323, 11.9847, 13.6258

Details

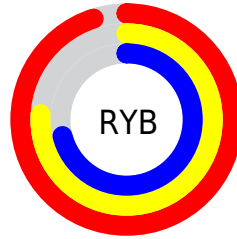
The Yxy color **59.3398, 0.3619, 0.3390** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9885, 0.2758, 0.3187**, and the grayscale version is **61.0579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9546, 0.3233, 0.3378**, and **29.6666, 0.3751, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **50.1389, 0.3898, 0.3433**, and if you desaturate by 10%, it is **69.9583, 0.3389, 0.3347**.

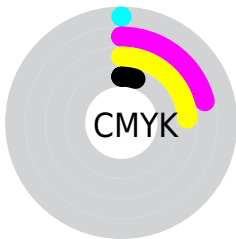
Distribution



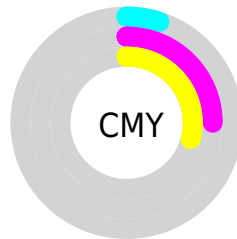
- Red (95%)
- Green (75%)
- Blue (71%)



- Red (95%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3398, 0.3619, 0.3390 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 59.3398, 0.3619, 0.3390 by changing the saturation by 10% instead.


 59.3398, 0.3619,
0.3390

 59.3398, 0.3619,
0.3390


422.1600, 0.3381,
0.3347

 42.8867, 0.3676,
0.3399


 103.8714, 0.3534,
0.3376

 29.7962, 0.3748,
0.3410


132.7186, 0.3502,
0.3370

 19.6840, 0.3842,
0.3422


166.4661, 0.3474,
0.3365

 12.1655, 0.3968,
0.3437

205.4981, 0.3450,
0.3360

 6.8565, 0.4147,
0.3453

250.1992, 0.3430,
0.3356

 3.3725, 0.4420,
0.3468

300.9535, 0.3411,

 1.3292, 0.4940,

0.3353

0.3508

358.1457, 0.3395,
0.3350

0.1636, 0.7740,
0.2260

0.0000, 0.0000,
0.0000

59.3398, 0.3619,
0.3390

59.3398, 0.3619,
0.3390

50.1389, 0.3898,
0.3433

69.9583, 0.3389,
0.3347

42.2877, 0.4231,
0.3475

82.0425, 0.3200,
0.3307

35.7247, 0.4618,
0.3508

95.6482, 0.3046,
0.3270

30.3807, 0.5045,
0.3528

97.4413, 0.3041,
0.3290

■ 26.1796, 0.5480,
0.3525

■ 23.0367, 0.5871,
0.3494

■ 20.8552, 0.6162,
0.3435

■ 20.0173, 0.6274,
0.3400

Harmonies

Analogous

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



59.3398, 0.3468, 0.3173



59.3398, 0.3619, 0.3390



59.3398, 0.3631, 0.3593

Triad

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



59.3398, 0.3619, 0.3390



59.3398, 0.3015, 0.3621



59.3398, 0.2755, 0.2867

Complementary

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



59.3398, 0.3619, 0.3390



73.9885, 0.2758, 0.3187

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.



59.3398, 0.2646, 0.2964



59.3398, 0.3619, 0.3390



59.3398, 0.2792, 0.3401

Square

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



59.3398, 0.3619, 0.3390



59.3398, 0.3275, 0.3742



59.3398, 0.2659, 0.3157



59.3398, 0.2964, 0.2879

Rectangle

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



59.3398, 0.3619, 0.3390



59.3398, 0.3559, 0.3693



59.3398, 0.2659, 0.3157



59.3398, 0.2706, 0.2887

Sweetspot

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



59.3425, 0.3619, 0.3390



89.6339, 0.3244, 0.3317



57.9809, 0.3224, 0.2766



19.0025, 0.3255, 0.3319



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.



59.3425, 0.3619, 0.3390



62.4593, 0.3741, 0.3410



73.4441, 0.3546, 0.3699



16.1493, 0.3289, 0.3327



10.9763, 0.6253, 0.3417



1.0300, 0.6032, 0.3592

Inverse Universe

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



73.9885, 0.2758, 0.3187



81.5600, 0.2693, 0.3166



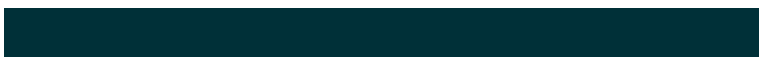
58.8319, 0.2728, 0.2844



17.4927, 0.2981, 0.3253



27.0535, 0.2110, 0.2796



2.3609, 0.2130, 0.2868

Previews

White Background



This preview shows how the Yxy color 59.3398, 0.3619, 0.3390 looks on a white background.

Color Contrast Check

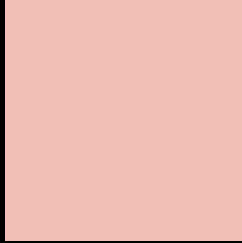
Large Text (above 18pt) WCAG AA × Fail

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 59.3398, 0.3619, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

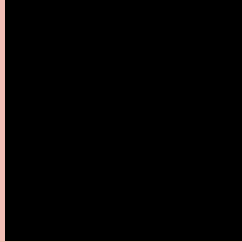
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3398, 0.3619, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 59.3398, 0.3619, 0.3390.



This preview shows how white text looks on a background with the Yxy color 59.3398, 0.3619, 0.3390.

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

59.3398, 0.3619, 0.3390

Protanopia

59.5735, 0.3293, 0.3455

Deuteranopia

59.1894, 0.3524, 0.3449



Tritanopia

59.2854, 0.3476, 0.3141

Trichromacy



Original Color

59.3398, 0.3619, 0.3390

Protanomaly

59.3055, 0.3404, 0.3428

Deuteranomaly

59.4122, 0.3560, 0.3436

Tritanomaly

59.2126, 0.3523, 0.3226

Monochromacy



Original Color

59.3398, 0.3619, 0.3390

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2452, 0.3292, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3398, 0.3619, 0.3390 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(241, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(241, 191, 182)  
}
```

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(241, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 191, 182) }
```

Border

The CSS property to change the border of an element to Yxy 59.3398, 0.3619, 0.3390 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(241, 191, 182) }
```

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

```
.border{ border-color:rgb(241, 191, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(241, 191,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3398, 0.3619, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 191, 182) }
```

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

```
.background{ background-color: rgb(241,  
191, 182) }
```

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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