

Converting Colors

$Yxy(59.9044, 0.3534, 0.3284)$

Have a look what the booklet for
Yxy(59.9044, 0.3534, 0.3284)
contains.

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Color

Yxy(59.7681, 0.3536, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F1BFC0
RGB	241, 191, 192
RGB Percent	95%, 75%, 75%
CMY	0.0547, 0.2510, 0.2470
CMYK	0.00, 0.21, 0.20, 0.05
HSL	359°, 64%, 85%
HSV	359°, 21%, 95%
XYZ	64.4329, 59.7681, 58.0188
YIQ	206.0640, 29.4790, 10.9110

Conversions

Conversions Part 2

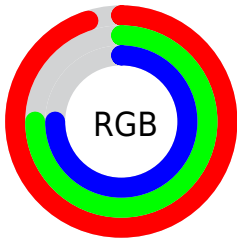
Format	Color
R _Y B	241, 191, 192
Decimal	15843264
CIE Lab	81.71, 18.06, 6.33
CIE LCh	82, 19.135, 19.304
Yxy	59.7681, 0.3536, 0.3280
Android (android.graphics.Color)	4294033344 (0xFFFF1BFC0)
YUV	206.0640, -6.9336, 30.6389
Hunter-Lab	77.3098, 13.4764, 9.6215

Details

The Yxy color **59.7681, 0.3536, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3026, 0.2823, 0.3300**, and the grayscale version is **61.7996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1721, 0.3172, 0.3290**, and **29.9457, 0.3637, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **49.1453, 0.3811, 0.3275**, and if you desaturate by 10%, it is **72.2943, 0.3315, 0.3285**.

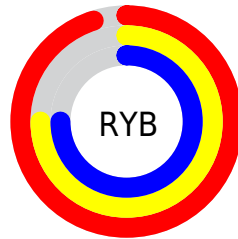
Distribution



Red (95%)

Green (75%)

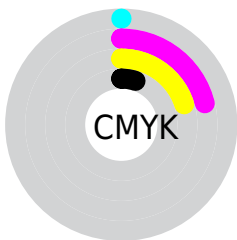
Blue (75%)



Red (95%)

Yellow (75%)

Blue (75%)

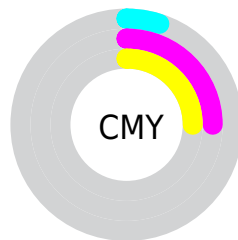


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (5%)



Cyan (5%)


Magenta (25%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7681, 0.3536, 0.3280 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 59.7681, 0.3536, 0.3280 by changing the saturation by 10% instead.


 59.7681, 0.3536,
0.3280

 59.7681, 0.3536,
0.3280


423.7425, 0.3339,
0.3288

 43.2317, 0.3583,
0.3277


 104.4932, 0.3466,
0.3283

 30.0670, 0.3643,
0.3274


133.4507, 0.3439,
0.3284

 19.8894, 0.3720,
0.3269


167.3174, 0.3416,
0.3285

 12.3147, 0.3824,
0.3261

206.4777, 0.3396,
0.3286

 6.9584, 0.3972,
0.3247

251.3160, 0.3379,
0.3286

 3.4361, 0.4199,
0.3221

302.2166, 0.3364,

 1.3634, 0.4587,

0.3287

0.3163

359.5639, 0.3351,
0.3287

0.1895, 0.7662,
0.2338

0.0000, 0.0000,
0.0000

59.7681, 0.3536,
0.3280

59.7681, 0.3536,
0.3280

49.1453, 0.3811,
0.3275

72.2943, 0.3315,
0.3285

40.3250, 0.4151,
0.3271

86.8018, 0.3139,
0.3290

33.2098, 0.4556,
0.3267

97.4483, 0.3042,
0.3290

27.6895, 0.5017,
0.3266

■ 23.6412, 0.5495,
0.3269

■ 20.9241, 0.5926,
0.3275

■ 19.3700, 0.6237,
0.3285

■ 18.7192, 0.6385,
0.3291

Harmonies

Analogous

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



59.7681, 0.3341, 0.3084



59.7681, 0.3536, 0.3280



59.7681, 0.3617, 0.3486

Triad

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



59.7681, 0.3536, 0.3280



59.7681, 0.3146, 0.3676



59.7681, 0.2708, 0.2922

Complementary

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



59.7681, 0.3536, 0.3280



80.3026, 0.2823, 0.3300

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.



59.7681, 0.2661, 0.3064



59.7681, 0.3536, 0.3280



59.7681, 0.2908, 0.3509

Square

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



59.7681, 0.3536, 0.3280



59.7681, 0.3385, 0.3727



59.7681, 0.2733, 0.3279



59.7681, 0.2863, 0.2880

Rectangle

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



59.7681, 0.3536, 0.3280



59.7681, 0.3594, 0.3604



59.7681, 0.2733, 0.3279



59.7681, 0.2679, 0.2959

Sweetspot

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



59.7708, 0.3536, 0.3280



89.6958, 0.3227, 0.3287



62.0254, 0.3139, 0.2772



18.9693, 0.3238, 0.3287



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.



59.7708, 0.3536, 0.3280



62.4615, 0.3647, 0.3278



70.7380, 0.3494, 0.3540



15.7641, 0.3290, 0.3286



10.1493, 0.6379, 0.3288



0.8462, 0.6321, 0.3256

Inverse Universe

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



59.7708, 0.3536, 0.3280



62.4615, 0.3647, 0.3278



67.4069, 0.2799, 0.3026



15.7641, 0.3290, 0.3286



10.1493, 0.6379, 0.3288



0.8462, 0.6321, 0.3256

Previews

White Background



This preview shows how the Yxy color 59.7681, 0.3536, 0.3280 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 59.7681, 0.3536, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

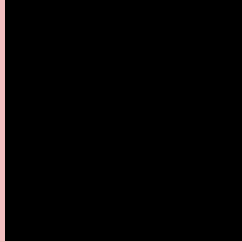
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7681, 0.3536, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 59.7681, 0.3536, 0.3280.



This preview shows how white text looks on a background with the Yxy color 59.7681, 0.3536, 0.3280.

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

59.7681, 0.3536, 0.3280

Protanopia

59.7282, 0.3203, 0.3337

Deuteranopia

59.7354, 0.3426, 0.3347



Tritanopia

59.6321, 0.3449, 0.3130

Trichromacy



Original Color

59.7681, 0.3536, 0.3280

Protanomaly

59.5893, 0.3318, 0.3313

Deuteranomaly

59.6688, 0.3471, 0.3324

Tritanomaly

59.8743, 0.3480, 0.3183

Monochromacy



Original Color

59.7681, 0.3536, 0.3280

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0504, 0.3268, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7681, 0.3536, 0.3280 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(241, 191, 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(241, 191, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 191, 192) }
```

Border

The CSS property to change the border of an element to Yxy 59.7681, 0.3536, 0.3280 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, 192) }
```

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

```
.border{ border-color:rgb(241, 191, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 191, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 191, 192);  
box-shadow:4px 4px 4px 4px rgb(241, 191,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7681, 0.3536, 0.3280 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, 192) }
```

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

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