

Converting Colors

$Y_{xy}(60.2660, 0.3525, 0.3257)$

Have a look what the booklet for
Yxy(60.2660, 0.3525, 0.3257)
contains.

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Color

Yxy(60.0790, 0.3519, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	F2BFC3
RGB	242, 191, 195
RGB Percent	95%, 75%, 76%
CMY	0.0511, 0.2509, 0.2352
CMYK	0.00, 0.21, 0.19, 0.05
HSL	355°, 66%, 85%
HSV	355°, 21%, 95%
XYZ	65.0917, 60.0790, 59.8015
YIQ	206.7050, 29.1120, 12.0560

Conversions

Conversions Part 2

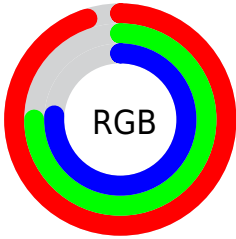
Format	Color
R_{YB}	242, 191, 195
Decimal	15908803
CIE _{Lab}	81.88, 18.82, 4.97
CIE _{LCh}	82, 19.468, 14.800
Yxy	60.0790, 0.3519, 0.3248
Android (android.graphics.Color)	4294098883 (0xFFFF2BFC3)
YUV	206.7050, -5.7706, 30.9537
Hunter-Lab	77.5106, 14.2568, 8.5136

Details

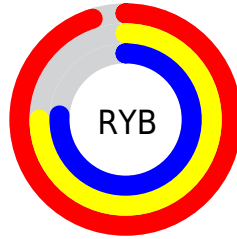
The Yxy color **60.0790, 0.3519, 0.3248** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7356, 0.2835, 0.3333**, and the grayscale version is **62.2216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4231, 0.3148, 0.3252**, and **30.1287, 0.3625, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **49.4496, 0.3779, 0.3227**, and if you desaturate by 10%, it is **72.6080, 0.3310, 0.3269**.

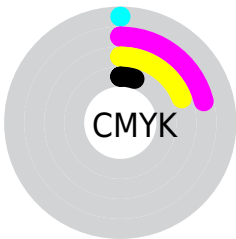
Distribution



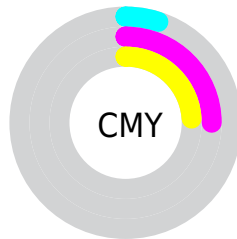
- Red (95%)
- Green (75%)
- Blue (76%)



- Red (95%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0790, 0.3519, 0.3248 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 60.0790, 0.3519, 0.3248 by changing the saturation by 10% instead.

 60.0790, 0.3519,
0.3248

 60.0790, 0.3519,
0.3248

424.8889, 0.3330,
0.3270

 43.4823, 0.3564,
0.3242

 104.9443, 0.3452,
0.3256

 30.2637, 0.3621,
0.3234


133.9816, 0.3426,
0.3259

 20.0389, 0.3694,
0.3224


167.9347, 0.3404,
0.3262

 12.4233, 0.3794,
0.3209

207.1878, 0.3386,
0.3264

 7.0326, 0.3935,
0.3186

252.1254, 0.3369,
0.3266

 3.4825, 0.4150,
0.3148

303.1318, 0.3355,

 1.3885, 0.4518,

0.3268

0.3072

360.5915, 0.3342,
0.3269

0.2083, 0.7594,
0.2406

0.0000, 0.0000,
0.0000

60.0790, 0.3519,
0.3248

60.0790, 0.3519,
0.3248

49.4496, 0.3779,
0.3227

72.6080, 0.3310,
0.3269

40.6192, 0.4098,
0.3207

87.1142, 0.3143,
0.3288

33.4909, 0.4481,
0.3190

97.6116, 0.3047,
0.3290

27.9548, 0.4918,
0.3181

■ 23.8886, 0.5381,
0.3183

■ 21.1521, 0.5815,
0.3201

■ 19.5777, 0.6152,
0.3233

■ 18.9185, 0.6335,
0.3263

Harmonies

Analogous

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



60.0790, 0.3309, 0.3055



60.0790, 0.3519, 0.3248



60.0790, 0.3621, 0.3459

Triad

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



60.0790, 0.3519, 0.3248



60.0790, 0.3184, 0.3699



60.0790, 0.2687, 0.2932

Complementary

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



60.0790, 0.3519, 0.3248



80.7356, 0.2835, 0.3333

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.



60.0790, 0.2657, 0.3090



60.0790, 0.3519, 0.3248



60.0790, 0.2938, 0.3544

Square

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



60.0790, 0.3519, 0.3248



60.0790, 0.3421, 0.3730



60.0790, 0.2747, 0.3315



60.0790, 0.2829, 0.2874

Rectangle

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



60.0790, 0.3519, 0.3248



60.0790, 0.3612, 0.3584



60.0790, 0.2747, 0.3315



60.0790, 0.2664, 0.2974

Sweetspot

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



60.0817, 0.3519, 0.3248



89.7485, 0.3221, 0.3279



61.8075, 0.3119, 0.2761



18.9817, 0.3232, 0.3277



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.



60.0817, 0.3519, 0.3248



62.6275, 0.3617, 0.3240



69.8447, 0.3506, 0.3517



15.7789, 0.3281, 0.3272



10.1738, 0.6315, 0.3253



0.8533, 0.6111, 0.3140

Inverse Universe

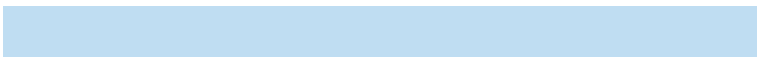
The Inverse Universe completely reimagines the original color for something new.



60.0817, 0.3519, 0.3248



62.6275, 0.3617, 0.3240



69.0628, 0.2797, 0.3051



15.7789, 0.3281, 0.3272



10.1738, 0.6315, 0.3253



0.8533, 0.6111, 0.3140

Previews

White Background



This preview shows how the Yxy color 60.0790, 0.3519, 0.3248 looks on a white background.

Color Contrast Check

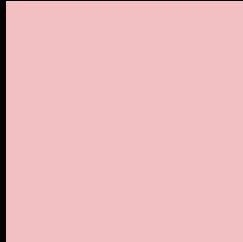
Large Text (above 18pt) WCAG AA × Fail

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 60.0790, 0.3519, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

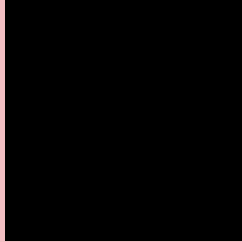
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0790, 0.3519, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 60.0790, 0.3519, 0.3248.



This preview shows how white text looks on a background with the Yxy color 60.0790, 0.3519, 0.3248.

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

60.0790, 0.3519, 0.3248

Protanopia

60.3860, 0.3173, 0.3302

Deuteranopia

60.1584, 0.3392, 0.3324



Tritanopia

60.2412, 0.3456, 0.3141

Trichromacy



Original Color

60.0790, 0.3519, 0.3248

Protanomaly

60.1860, 0.3294, 0.3291

Deuteranomaly

60.0811, 0.3437, 0.3302

Tritanomaly

60.0986, 0.3480, 0.3173

Monochromacy



Original Color

60.0790, 0.3519, 0.3248

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.3007, 0.3261, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0790, 0.3519, 0.3248 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(242, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(242, 191, 195)  
}
```

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(242, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 191, 195) }
```

Border

The CSS property to change the border of an element to Yxy 60.0790, 0.3519, 0.3248 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(242, 191, 195) }
```

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

```
.border{ border-color:rgb(242, 191, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(242, 191,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0790, 0.3519, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 191, 195) }
```

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

```
.background{ background-color: rgb(242,  
191, 195) }
```

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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