

Converting Colors

$Y_{xy}(60.7562, 0.3539, 0.3321)$

Have a look what the booklet for
Yxy(60.7562, 0.3539, 0.3321)
contains.

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Color

Yxy(60.6023, 0.3540, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	F1C1BF
RGB	241, 193, 191
RGB Percent	95%, 76%, 75%
CMY	0.0548, 0.2431, 0.2510
CMYK	0.00, 0.20, 0.21, 0.05
HSL	2°, 64%, 85%
HSV	2°, 21%, 95%
XYZ	64.7546, 60.6023, 57.5658
YIQ	207.1240, 29.2500, 9.5540

Conversions

Conversions Part 2

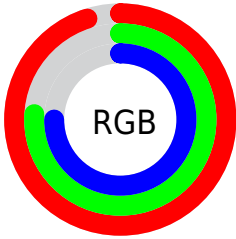
Format	Color
R_{YB}	241, 193, 191
Decimal	15843775
CIE _{Lab}	82.16, 16.84, 7.53
CIE _{LCh}	82, 18.445, 24.090
Yxy	60.6023, 0.3540, 0.3313
Android (android.graphics.Color)	4294033855 (0xFFFF1C1BF)
YUV	207.1240, -7.9491, 29.7093
Hunter-Lab	77.8475, 12.2458, 10.6501

Details

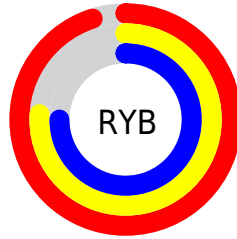
The Yxy color **60.6023, 0.3540, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1685, 0.2816, 0.3267**, and the grayscale version is **62.5212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3466, 0.3177, 0.3319**, and **30.4906, 0.3641, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **50.1894, 0.3816, 0.3325**, and if you desaturate by 10%, it is **72.7951, 0.3318, 0.3301**.

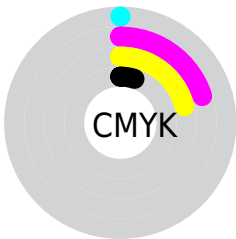
Distribution



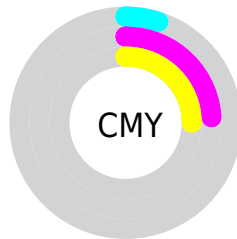
- Red (95%)
- Green (76%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6023, 0.3540, 0.3313 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 60.6023, 0.3540, 0.3313 by changing the saturation by 10% instead.


 60.6023, 0.3540,
0.3313

 60.6023, 0.3540,
0.3313


426.8143, 0.3341,
0.3305

 43.9043, 0.3587,
0.3314

 105.7029, 0.3469,
0.3311

 30.5953, 0.3647,
0.3315


134.8743, 0.3442,
0.3310

 20.2909, 0.3725,
0.3316


168.9722, 0.3419,
0.3309

 12.6066, 0.3829,
0.3315

208.3811, 0.3399,
0.3308

 7.1582, 0.3977,
0.3312

253.4854, 0.3382,
0.3307

 3.5613, 0.4203,
0.3301

304.6694, 0.3367,

 1.4313, 0.4586,

0.3306

362.3176, 0.3353,
0.3306

0.3268

0.2396, 0.7272,
0.2728

0.0000, 0.0000,
0.0000

60.6023, 0.3540,
0.3313

60.6023, 0.3540,
0.3313

50.1894, 0.3816,
0.3325

72.7951, 0.3318,
0.3301

41.4654, 0.4154,
0.3337

86.8369, 0.3139,
0.3291

34.3438, 0.4556,
0.3347

97.4453, 0.3042,
0.3290

28.7271, 0.5012,
0.3353

■ 24.5074, 0.5485,
0.3353

■ 21.5620, 0.5913,
0.3345

■ 19.7475, 0.6226,
0.3330

■ 18.9157, 0.6380,
0.3316

Harmonies

Analogous

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



60.6023, 0.3368, 0.3120



60.6023, 0.3540, 0.3313



60.6023, 0.3597, 0.3508

Triad

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



60.6023, 0.3540, 0.3313



60.6023, 0.3107, 0.3641



60.6023, 0.2742, 0.2924

Complementary

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



60.6023, 0.3540, 0.3313



79.1685, 0.2816, 0.3267

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.



60.6023, 0.2679, 0.3046



60.6023, 0.3540, 0.3313



60.6023, 0.2885, 0.3467

Square

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



60.6023, 0.3540, 0.3313



60.6023, 0.3341, 0.3710



60.6023, 0.2730, 0.3244



60.6023, 0.2905, 0.2899

Rectangle

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



60.6023, 0.3540, 0.3313



60.6023, 0.3561, 0.3615



60.6023, 0.2730, 0.3244



60.6023, 0.2708, 0.2954

Sweetspot

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



60.6051, 0.3540, 0.3313



90.0393, 0.3228, 0.3296



62.2140, 0.3164, 0.2790



19.0501, 0.3240, 0.3297



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.



60.6051, 0.3540, 0.3313



63.5327, 0.3652, 0.3318



72.4402, 0.3487, 0.3575



15.8606, 0.3292, 0.3300



10.3012, 0.6371, 0.3323



0.8926, 0.6296, 0.3383

Inverse Universe

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



79.1685, 0.2816, 0.3267



88.2248, 0.2756, 0.3262



65.6914, 0.2797, 0.2988



17.8136, 0.2981, 0.3280



34.5810, 0.2212, 0.3164



2.9104, 0.2217, 0.3182

Previews

White Background



This preview shows how the Yxy color 60.6023, 0.3540, 0.3313 looks on a white background.

Color Contrast Check

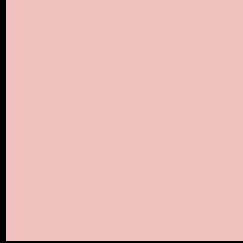
Large Text (above 18pt) WCAG AA × Fail

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 60.6023, 0.3540, 0.3313 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 60.6023, 0.3540, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 60.6023, 0.3540, 0.3313.



This preview shows how white text looks on a background with the Yxy color 60.6023, 0.3540, 0.3313.

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

60.6023, 0.3540, 0.3313

Protanopia

60.9186, 0.3224, 0.3372

Deuteranopia

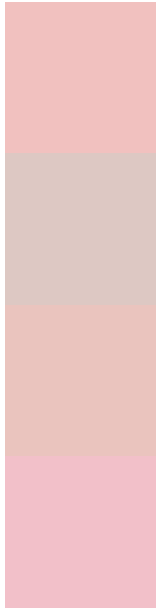
60.9289, 0.3446, 0.3380



Tritanopia

60.7725, 0.3438, 0.3131

Trichromacy



Original Color

60.6023, 0.3540, 0.3313

Protanomaly

60.6208, 0.3331, 0.3347

Deuteranomaly

60.6900, 0.3483, 0.3357

Tritanomaly

60.7936, 0.3468, 0.3194

Monochromacy



Original Color

60.6023, 0.3540, 0.3313

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.5182, 0.3267, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6023, 0.3540, 0.3313 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, 193, 191)` looks like.

```
.text, #text, p{  
    color:rgb(241, 193, 191)  
}
```

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, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 193, 191) }
```

Border

The CSS property to change the border of an element to Yxy 60.6023, 0.3540, 0.3313 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, 193, 191) }
```

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

```
.border{ border-color:rgb(241, 193, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 193, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(241, 193,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6023, 0.3540, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 193, 191) }
```

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

```
.background{ background-color: rgb(241,  
193, 191) }
```

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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