

Converting Colors

$Yxy(60.1444, 0.3785, 0.3641)$

Have a look what the booklet for
Yxy(60.1444, 0.3785, 0.3641)
contains.

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Color

Yxy(60.0695, 0.3784, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	F2C2A2
RGB	242, 194, 162
RGB Percent	95%, 76%, 64%
CMY	0.0510, 0.2392, 0.3647
CMYK	0.00, 0.20, 0.33, 0.05
HSL	24°, 75%, 79%
HSV	24°, 33%, 95%
XYZ	62.4287, 60.0695, 42.4825
YIQ	204.7040, 38.8800, 0.2240

Conversions

Conversions Part 2

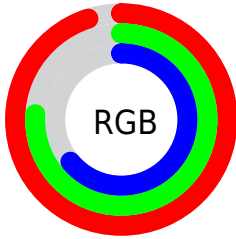
Format	Color
R _{YB}	242, 215, 162
Decimal	15909538
CIE Lab	81.88, 12.75, 22.61
CIE LCh	82, 25.955, 60.579
Yxy	60.0695, 0.3784, 0.3641
Android (android.graphics.Color)	4294099618 (0xFFFF2C2A2)
YUV	204.7040, -21.0531, 32.7086
Hunter-Lab	77.5045, 8.1462, 21.7545

Details

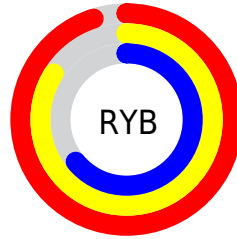
The Yxy color **60.0695, 0.3784, 0.3641** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.1719, 0.2608, 0.2908**, and the grayscale version is **60.9712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2641, 0.3357, 0.3623**, and **30.1962, 0.3962, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **53.1442, 0.4050, 0.3749**, and if you desaturate by 10%, it is **67.7971, 0.3551, 0.3530**.

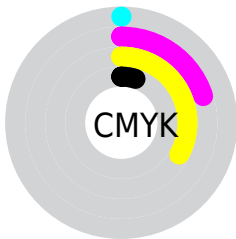
Distribution



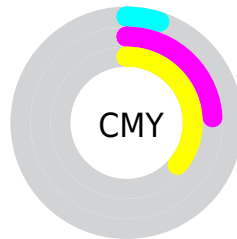
- Red (95%)
- Green (76%)
- Blue (64%)



- Red (95%)
- Yellow (84%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (5%)




- Cyan (5%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0695, 0.3784, 0.3641 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 60.0695, 0.3784, 0.3641 by changing the saturation by 10% instead.

 60.0695, 0.3784,
0.3641


 60.0695, 0.3784,
0.3641


424.8539, 0.3468,
0.3481

 43.4747, 0.3859,
0.3676


 104.9305, 0.3672,
0.3587

 30.2577, 0.3953,
0.3719


 133.9654, 0.3629,
0.3565

 20.0343, 0.4073,
0.3771


167.9158, 0.3592,
0.3546

 12.4200, 0.4233,
0.3835

207.1661, 0.3561,
0.3530

 7.0304, 0.4454,
0.3915

252.1007, 0.3533,
0.3516

 3.4811, 0.4773,
0.4008

303.1039, 0.3509,

 1.3878, 0.5626,

0.3503

0.4374

360.5602, 0.3487,
0.3492

0.2077, 0.7101,
0.2899

0.0000, 0.0000,
0.0000

60.0695, 0.3784,
0.3641

60.0695, 0.3784,
0.3641

53.1442, 0.4050,
0.3749

67.7971, 0.3551,
0.3530

46.9852, 0.4346,
0.3847

76.3445, 0.3349,
0.3422

41.5659, 0.4665,
0.3924

85.7394, 0.3175,
0.3320

36.8549, 0.4990,
0.3966

95.7589, 0.3048,
0.3261

■ 32.8176, 0.5300,
0.3961

■ 97.6159, 0.3047,
0.3290

■ 29.4154, 0.5568,
0.3903

■ 27.3975, 0.5724,
0.3837

Harmonies

Analogous

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



60.0695, 0.3746, 0.3376



60.0695, 0.3784, 0.3641



60.0695, 0.3637, 0.3834

Triad

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



60.0695, 0.3784, 0.3641



60.0695, 0.2728, 0.3473



60.0695, 0.2877, 0.2760

Complementary

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



60.0695, 0.3784, 0.3641



60.1719, 0.2608, 0.2908

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.



60.0695, 0.2627, 0.2759



60.0695, 0.3784, 0.3641



60.0695, 0.2545, 0.3152

Square

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



60.0695, 0.3784, 0.3641



60.0695, 0.3022, 0.3751



60.0695, 0.2509, 0.2895



60.0695, 0.3207, 0.2885

Rectangle

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



60.0695, 0.3784, 0.3641



60.0695, 0.3459, 0.3886



60.0695, 0.2509, 0.2895



60.0695, 0.2781, 0.2745

Sweetspot

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



60.0723, 0.3784, 0.3641



89.0921, 0.3293, 0.3391



49.3668, 0.3440, 0.2776



18.7580, 0.3319, 0.3405



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.



60.0723, 0.3784, 0.3641



62.0644, 0.3968, 0.3718



80.3255, 0.3651, 0.4042



16.7971, 0.3283, 0.3385



14.9694, 0.5695, 0.3860



1.4349, 0.5455, 0.4051

Inverse Universe

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



60.1719, 0.2608, 0.2908



62.1755, 0.2500, 0.2811



42.8377, 0.2545, 0.2406



16.8058, 0.2980, 0.3193



14.6217, 0.1868, 0.1923



1.4105, 0.1923, 0.2122

Previews

White Background



This preview shows how the Yxy color 60.0695, 0.3784, 0.3641 looks on a white background.

Color Contrast Check

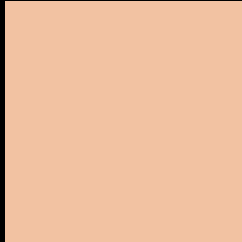
Large Text (above 18pt) WCAG AA × Fail

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 60.0695, 0.3784, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

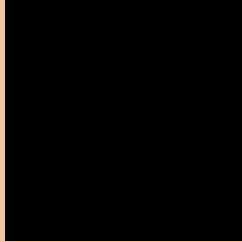
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0695, 0.3784, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 60.0695, 0.3784, 0.3641.



This preview shows how white text looks on a background with the Yxy color 60.0695, 0.3784, 0.3641.

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

60.0695, 0.3784, 0.3641

Protanopia

60.0640, 0.3506, 0.3723

Deuteranopia

60.2656, 0.3743, 0.3667



Tritanopia

59.8711, 0.3493, 0.3132

Trichromacy



Original Color

60.0695, 0.3784, 0.3641

Protanomaly

60.0327, 0.3597, 0.3691

Deuteranomaly

59.9896, 0.3755, 0.3655

Tritanomaly

59.8702, 0.3605, 0.3313

Monochromacy



Original Color

60.0695, 0.3784, 0.3641

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3528, 0.3351, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0695, 0.3784, 0.3641 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, 194, 162)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 162)  
}
```

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, 194, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 162) }
```

Border

The CSS property to change the border of an element to Yxy 60.0695, 0.3784, 0.3641 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, 194, 162) }
```

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

```
.border{ border-color:rgb(242, 194, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 194, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 162);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0695, 0.3784, 0.3641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 162) }
```

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

```
.background{ background-color: rgb(242,  
194, 162) }
```

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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