

# Converting Colors

Yxy(63.8570, 0.3626, 0.3522)

Have a look what the booklet for  
Yxy(63.8570, 0.3626, 0.3522)  
contains.

<b>Yxy(63.9052, 0.3625, 0.3529)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(63.9052, 0.3625, 0.3529)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2C9B3
RGB	242, 201, 179
RGB Percent	95%, 79%, 70%
CMY	0.0510, 0.2118, 0.2979
CMYK	0.00, 0.17, 0.26, 0.05
HSL	21°, 71%, 83%
HSV	21°, 26%, 95%
XYZ	65.6436, 63.9052, 51.5370
YIQ	210.7510, 31.4980, 1.8500

# Conversions

## Conversions Part 2

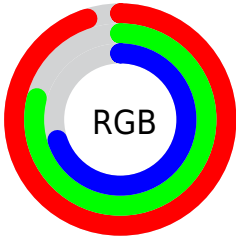
Format	Color
R <sub>Y</sub> B	242, 213, 179
Decimal	15911347
CIE Lab	83.92, 11.29, 16.40
CIE LCh	84, 19.914, 55.460
Yxy	63.9052, 0.3625, 0.3529
Android (android.graphics.Color)	4294101427 (0xFFFF2C9B3)
YUV	210.7510, -15.6532, 27.4054
Hunter-Lab	79.9407, 6.6797, 17.7348

# Details

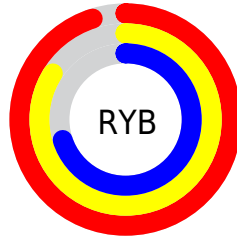
The Yxy color **63.9052, 0.3625, 0.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.1979, 0.2722, 0.3038**, and the grayscale version is **65.0610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **32.6881, 0.3753, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **56.0401, 0.3877, 0.3626**, and if you desaturate by 10%, it is **72.7015, 0.3409, 0.3433**.

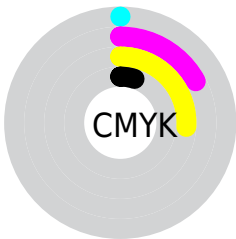
# Distribution



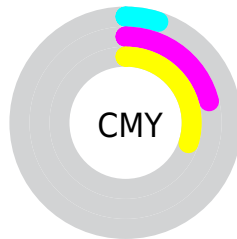
- Red (95%)
- Green (79%)
- Blue (70%)



- Red (95%)
- Yellow (84%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9052, 0.3625, 0.3529 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 63.9052, 0.3625, 0.3529 by changing the saturation by 10% instead.




 63.9052, 0.3625,  
0.3529

 63.9052, 0.3625,  
0.3529

438.8472, 0.3387,  
0.3420

 46.5739, 0.3681,  
0.3553


 110.4744, 0.3541,  
0.3492

 32.6989, 0.3751,  
0.3582


140.4811, 0.3509,  
0.3477

 21.8959, 0.3841,  
0.3619


175.4817, 0.3481,  
0.3465

 13.7804, 0.3960,  
0.3665

215.8606, 0.3458,  
0.3454

 7.9681, 0.4126,  
0.3724

262.0022, 0.3437,  
0.3444

 4.0746, 0.4371,  
0.3801

314.2909, 0.3418,

 1.7154, 0.4829,

0.3435

0.3949

373.1111, 0.3402,  
0.3427

0.4336, 0.6133,  
0.3867

0.0000, 0.0000,  
0.0000

63.9052, 0.3625,  
0.3529

63.9052, 0.3625,  
0.3529

56.0401, 0.3877,  
0.3626

72.7015, 0.3409,  
0.3433

49.0658, 0.4166,  
0.3719

82.4501, 0.3224,  
0.3342

42.9518, 0.4489,  
0.3799

93.1825, 0.3068,  
0.3257

37.6621, 0.4834,  
0.3855

97.6175, 0.3048,  
0.3290

■ 33.1582, 0.5184,  
0.3874

■ 29.3977, 0.5507,  
0.3845

■ 26.3325, 0.5774,  
0.3764

■ 25.2881, 0.5866,  
0.3725

# Harmonies

## Analogous

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



63.9052, 0.3571, 0.3323



63.9052, 0.3625, 0.3529



63.9052, 0.3539, 0.3683

# Triad

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



63.9052, 0.3625, 0.3529



63.9052, 0.2860, 0.3467



63.9052, 0.2902, 0.2878

# Complementary

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



63.9052, 0.3625, 0.3529



67.1979, 0.2722, 0.3038

# 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.



63.9052, 0.2725, 0.2898



63.9052, 0.3625, 0.3529



63.9052, 0.2702, 0.3230

# Square

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



63.9052, 0.3625, 0.3529



63.9052, 0.3094, 0.3657



63.9052, 0.2653, 0.3023



63.9052, 0.3145, 0.2958



# Rectangle

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



63.9052, 0.3625, 0.3529



63.9052, 0.3417, 0.3732



63.9052, 0.2653, 0.3023



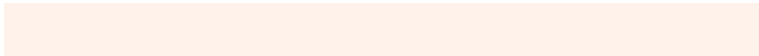
63.9052, 0.2833, 0.2873

# Sweetspot

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



63.9081, 0.3625, 0.3529



90.5721, 0.3259, 0.3360



56.3499, 0.3324, 0.2846



19.0237, 0.3286, 0.3374



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.



63.9081, 0.3625, 0.3529



67.3579, 0.3748, 0.3578



79.5686, 0.3546, 0.3840



16.6610, 0.3285, 0.3373



13.8157, 0.5836, 0.3748



1.3291, 0.5583, 0.3949



# Inverse Universe

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



67.1979, 0.2722, 0.3038



71.6094, 0.2645, 0.2981



52.6188, 0.2688, 0.2672



16.9464, 0.2980, 0.3206



16.7642, 0.1919, 0.2106



1.5802, 0.1967, 0.2280



# Previews

## White Background



This preview shows how the Yxy color 63.9052, 0.3625, 0.3529 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 63.9052, 0.3625, 0.3529 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

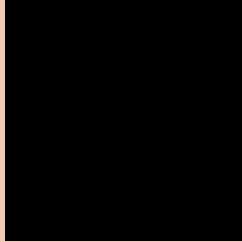
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 63.9052, 0.3625, 0.3529**

## Background



This preview shows how black text looks on a background with the Yxy color 63.9052, 0.3625, 0.3529.



This preview shows how white text looks on a background with the Yxy color 63.9052, 0.3625, 0.3529.

# 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

63.9052, 0.3625, 0.3529

### Protanopia

64.0799, 0.3391, 0.3588

### Deuteranopia

64.1965, 0.3614, 0.3541



## Tritanopia

63.8262, 0.3407, 0.3123

# Trichromacy



## Original Color

63.9052, 0.3625, 0.3529

## Protanomaly

63.8509, 0.3468, 0.3560

## Deuteranomaly

64.1965, 0.3614, 0.3541

## Tritanomaly

63.9708, 0.3490, 0.3270

# Monochromacy



## Original Color

63.9052, 0.3625, 0.3529

## Achromatopsia

65.1406, 0.3127, 0.3290

## Achromatomaly

64.2788, 0.3300, 0.3380

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 63.9052, 0.3625, 0.3529 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, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 179)  
}
```

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, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 179) }
```

## Border

The CSS property to change the border of an element to Yxy 63.9052, 0.3625, 0.3529 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, 201, 179) }
```

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

```
.border{ border-color:rgb(242, 201, 179) }
```

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

Here you see how a box with a 4 pixel rgb(242, 201, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
179) }
```



# Background

The CSS property to change the background color of an element to Yxy 63.9052, 0.3625, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 179) }
```

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

```
.background{ background-color: rgb(242,  
201, 179) }
```

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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