

Converting Colors

Yxy(37.4316, 0.3549, 0.3212)

Have a look what the booklet for
Yxy(37.4316, 0.3549, 0.3212)
contains.

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Color

Yxy(37.5650, 0.3547, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	C8999F
RGB	200, 153, 159
RGB Percent	78%, 60%, 62%
CMY	0.2157, 0.4000, 0.3763
CMYK	0.00, 0.23, 0.20, 0.22
HSL	352°, 30%, 69%
HSV	352°, 23%, 78%
XYZ	41.4700, 37.5650, 37.8807
YIQ	167.7370, 26.0860, 11.8300

Conversions

Conversions Part 2

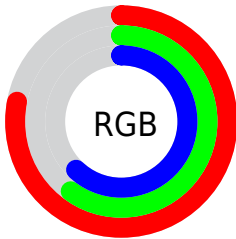
Format	Color
R _{YB}	200, 153, 159
Decimal	13146527
CIE Lab	67.70, 18.46, 3.64
CIE LCh	68, 18.815, 11.169
Yxy	37.5650, 0.3547, 0.3213
Android (android.graphics.Color)	4291336607 (0xFFC8999F)
YUV	167.7370, -4.3073, 28.2947
Hunter-Lab	61.2903, 13.5179, 6.2588

Details

The Yxy color **37.5650, 0.3547, 0.3213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9728, 0.2822, 0.3369**, and the grayscale version is **39.0357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2268, 0.3443, 0.3230**, and **16.6052, 0.3671, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **30.9959, 0.3800, 0.3178**, and if you desaturate by 10%, it is **45.3202, 0.3342, 0.3247**.

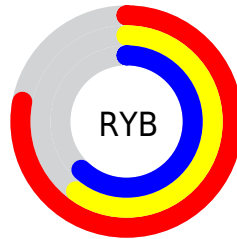
Distribution



Red (78%)

Green (60%)

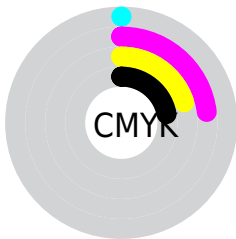
Blue (62%)



Red (78%)

Yellow (60%)

Blue (62%)

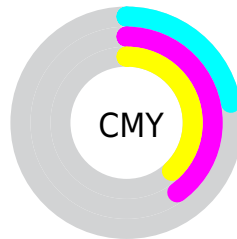


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5650, 0.3547, 0.3213 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 37.5650, 0.3547, 0.3213 by changing the saturation by 10% instead.


 37.5650, 0.3547,
0.3213


 37.5650, 0.3547,
0.3213


335.7502, 0.3328,
0.3255

 25.6452, 0.3605,
0.3201


 71.4409, 0.3465,
0.3229

 16.5584, 0.3680,
0.3185

 94.1658, 0.3435,
0.3235

 9.9202, 0.3784,
0.3163


121.2613, 0.3410,
0.3240

 5.3461, 0.3936,
0.3128

153.1117, 0.3389,
0.3244

 2.4517, 0.4178,
0.3070

190.1014, 0.3371,
0.3247

 0.8523, 0.4665,
0.2981

232.6148, 0.3355,

 0.0000, 1.0000,

0.3250

0.0000

281.0363, 0.3341,
0.3253

0.0000, 0.0000,
0.0000

37.5650, 0.3547,
0.3213

37.5650, 0.3547,
0.3213

30.9959, 0.3800,
0.3178

45.3202, 0.3342,
0.3247

25.5494, 0.4109,
0.3146

54.3104, 0.3177,
0.3279

21.1642, 0.4476,
0.3119

64.5882, 0.3044,
0.3309

17.7709, 0.4893,
0.3104

76.2017, 0.2936,
0.3336

15.2916, 0.5334,
0.3107

89.1963, 0.2849,
0.3361

■ 13.6373, 0.5752,
0.3133

■ 91.0188, 0.2805,
0.3289

■ 12.7004, 0.6087,
0.3182

■ 12.3519, 0.6245,
0.3214

Harmonies

Analogous

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



37.5650, 0.3298, 0.3003



37.5650, 0.3547, 0.3213



37.5650, 0.3680, 0.3450

Triad

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



37.5650, 0.3547, 0.3213



37.5650, 0.3224, 0.3767



37.5650, 0.2620, 0.2901

Complementary

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



37.5650, 0.3547, 0.3213



51.9728, 0.2822, 0.3369

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.



37.5650, 0.2604, 0.3089



37.5650, 0.3547, 0.3213



37.5650, 0.2944, 0.3605

Square

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



37.5650, 0.3547, 0.3213



37.5650, 0.3487, 0.3782



37.5650, 0.2720, 0.3350



37.5650, 0.2766, 0.2823

Rectangle

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



37.5650, 0.3547, 0.3213



37.5650, 0.3682, 0.3596



37.5650, 0.2720, 0.3350



37.5650, 0.2600, 0.2953

Sweetspot

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



37.5667, 0.3547, 0.3213



88.1733, 0.3232, 0.3268



38.3872, 0.3096, 0.2701



18.6656, 0.3242, 0.3266



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.



37.5667, 0.3547, 0.3213



59.2147, 0.3665, 0.3196



43.4161, 0.3559, 0.3513



10.6587, 0.3270, 0.3261



7.8616, 0.6221, 0.3201



0.3797, 0.5764, 0.2949

Inverse Universe

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



37.5667, 0.3547, 0.3213



59.2147, 0.3665, 0.3196



44.7128, 0.2765, 0.3056



10.6587, 0.3270, 0.3261



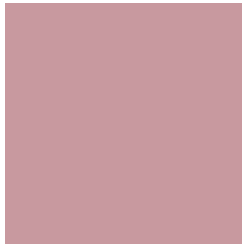
7.8616, 0.6221, 0.3201



0.3797, 0.5764, 0.2949

Previews

White Background



This preview shows how the Yxy color 37.5650, 0.3547, 0.3213 looks on a white background.

Color Contrast Check

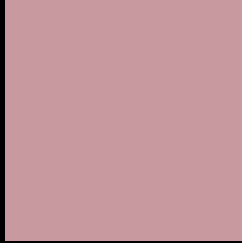
Large Text (above 18pt) WCAG AA × Fail

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 37.5650, 0.3547, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

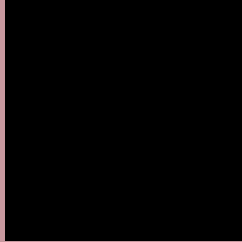
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5650, 0.3547, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 37.5650, 0.3547, 0.3213.



This preview shows how white text looks on a background with the Yxy color 37.5650, 0.3547, 0.3213.

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

37.5650, 0.3547, 0.3213

Protanopia

37.5924, 0.3156, 0.3276

Deuteranopia

37.8006, 0.3380, 0.3318



Tritanopia

37.5543, 0.3509, 0.3137

Trichromacy



Original Color

37.5650, 0.3547, 0.3213

Protanomaly

37.4893, 0.3294, 0.3249

Deuteranomaly

37.5297, 0.3446, 0.3278

Tritanomaly

37.4826, 0.3530, 0.3162

Monochromacy



Original Color

37.5650, 0.3547, 0.3213

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.6143, 0.3271, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5650, 0.3547, 0.3213 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(200, 153, 159)` looks like.

```
.text, #text, p{  
    color:rgb(200, 153, 159)  
}
```

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(200, 153, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 153, 159) }
```

Border

The CSS property to change the border of an element to Yxy 37.5650, 0.3547, 0.3213 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(200, 153, 159) }
```

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

```
.border{ border-color:rgb(200, 153, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 153, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 153, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 153, 159);  
box-shadow:4px 4px 4px 4px rgb(200, 153,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5650, 0.3547, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 153, 159) }
```

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

```
.background{ background-color: rgb(200,  
153, 159) }
```

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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