

Converting Colors

$Yxy(37.1548, 0.3568, 0.3265)$

Have a look what the booklet for
Yxy(37.1548, 0.3568, 0.3265)
contains.

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Color

Yxy(37.1548, 0.3568, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C6999B
RGB	198, 153, 155
RGB Percent	78%, 60%, 61%
CMY	0.2234, 0.4000, 0.3922
CMYK	0.00, 0.23, 0.22, 0.22
HSL	357°, 28%, 69%
HSV	357°, 23%, 78%
XYZ	40.6029, 37.1548, 36.0396
YIQ	166.6830, 26.1780, 10.1620

Conversions

Conversions Part 2

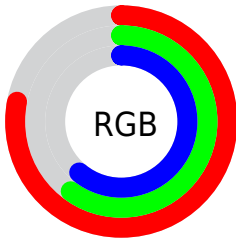
Format	Color
R_{YB}	198, 153, 155
Decimal	13015451
CIE _{Lab}	67.39, 17.11, 5.43
CIE _{LCh}	67, 17.957, 17.615
Yxy	37.1548, 0.3568, 0.3265
Android (android.graphics.Color)	4291205531 (0xFFC6999B)
YUV	166.6830, -5.7597, 27.4650
Hunter-Lab	60.9547, 12.2307, 7.6130

Details

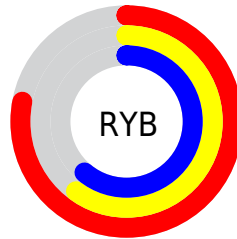
The Yxy color **37.1548, 0.3568, 0.3265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1628, 0.2806, 0.3316**, and the grayscale version is **38.5021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9752, 0.3481, 0.3281**, and **16.3419, 0.3701, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **30.6167, 0.3843, 0.3254**, and if you desaturate by 10%, it is **44.8718, 0.3347, 0.3276**.

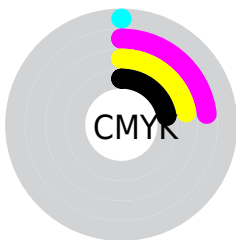
Distribution



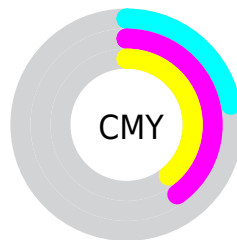
- Red (78%)
- Green (60%)
- Blue (61%)



- Red (78%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1548, 0.3568, 0.3265 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 37.1548, 0.3568, 0.3265 by changing the saturation by 10% instead.


 37.1548, 0.3568,
0.3265


 37.1548, 0.3568,
0.3265


333.9802, 0.3338,
0.3281

 25.3274, 0.3629,
0.3260


 70.8108, 0.3482,
0.3272

 16.3211, 0.3709,
0.3252


 93.4082, 0.3450,
0.3274

 9.7517, 0.3820,
0.3241


120.3643, 0.3424,
0.3276

 5.2346, 0.3981,
0.3221

152.0636, 0.3401,
0.3277

 2.3856, 0.4240,
0.3185

188.8904, 0.3382,
0.3278

 0.8185, 0.4841,
0.3176

231.2292, 0.3365,

 0.0000, 1.0000,

0.3279

0.0000

279.4644, 0.3351,
0.3280

0.0000, 0.0000,
0.0000

37.1548, 0.3568,
0.3265

37.1548, 0.3568,
0.3265

30.6167, 0.3843,
0.3254

44.8718, 0.3347,
0.3276

25.1946, 0.4179,
0.3243

53.8162, 0.3169,
0.3287

20.8277, 0.4579,
0.3235

64.0401, 0.3027,
0.3297

17.4474, 0.5029,
0.3231

75.5911, 0.2913,
0.3306

14.9768, 0.5495,
0.3235

88.5143, 0.2820,
0.3314

■ 13.3277, 0.5916,
0.3247

■ 90.7506, 0.2795,
0.3289

■ 12.3947, 0.6223,
0.3267

■ 12.0299, 0.6358,
0.3276

Harmonies

Analogous

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



37.1548, 0.3348, 0.3053



37.1548, 0.3568, 0.3265



37.1548, 0.3665, 0.3491

Triad

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



37.1548, 0.3568, 0.3265



37.1548, 0.3162, 0.3724



37.1548, 0.2661, 0.2892

Complementary

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



37.1548, 0.3568, 0.3265



51.1628, 0.2806, 0.3316

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.



37.1548, 0.2618, 0.3052



37.1548, 0.3568, 0.3265



37.1548, 0.2899, 0.3544

Square

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



37.1548, 0.3568, 0.3265



37.1548, 0.3423, 0.3770



37.1548, 0.2703, 0.3292



37.1548, 0.2825, 0.2841

Rectangle

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



37.1548, 0.3568, 0.3265



37.1548, 0.3645, 0.3624



37.1548, 0.2703, 0.3292



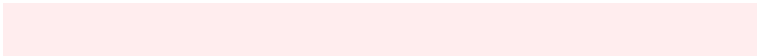
37.1548, 0.2632, 0.2934

Sweetspot

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



37.1565, 0.3568, 0.3265



88.0851, 0.3242, 0.3283



38.5651, 0.3132, 0.2727



18.6453, 0.3253, 0.3282



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.



37.1565, 0.3568, 0.3265



60.1245, 0.3689, 0.3260



44.2976, 0.3532, 0.3552



10.6445, 0.3283, 0.3280



7.8236, 0.6346, 0.3270



0.3732, 0.6159, 0.3167

Inverse Universe

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



37.1565, 0.3568, 0.3265



60.1245, 0.3689, 0.3260



42.5978, 0.2773, 0.3012



10.6445, 0.3283, 0.3280



7.8236, 0.6346, 0.3270



0.3732, 0.6159, 0.3167

Previews

White Background



This preview shows how the Yxy color 37.1548, 0.3568, 0.3265 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 37.1548, 0.3568, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

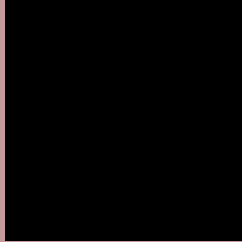
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1548, 0.3568, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 37.1548, 0.3568, 0.3265.



This preview shows how white text looks on a background with the Yxy color 37.1548, 0.3568, 0.3265.

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

37.1548, 0.3568, 0.3265

Protanopia

37.4490, 0.3191, 0.3333

Deuteranopia

37.3197, 0.3420, 0.3359



Tritanopia

37.2429, 0.3499, 0.3148

Trichromacy



Original Color

37.1548, 0.3568, 0.3265

Protanomaly

37.2285, 0.3321, 0.3304

Deuteranomaly

37.2659, 0.3475, 0.3332

Tritanomaly

37.1367, 0.3530, 0.3187

Monochromacy



Original Color

37.1548, 0.3568, 0.3265

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.9500, 0.3272, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1548, 0.3568, 0.3265 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(198, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(198, 153, 155)  
}
```

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(198, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 153, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.1548, 0.3568, 0.3265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

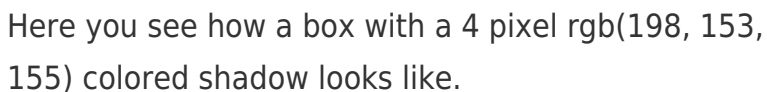
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 153, 155) }
```

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

```
.border{ border-color:rgb(198, 153, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 153, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 153, 155); box-shadow:4px 4px 4px 4px rgb(198, 153, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1548, 0.3568, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 153, 155) }
```

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

```
.background{ background-color: rgb(198,  
153, 155) }
```

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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