

Converting Colors

$Yxy(36.4983, 0.3552, 0.3234)$

Have a look what the booklet for
Yxy(36.4983, 0.3552, 0.3234)
contains.

Yxy(36.4038, 0.3552, 0.3225)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.4038, 0.3552, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C5979C
RGB	197, 151, 156
RGB Percent	77%, 59%, 61%
CMY	0.2275, 0.4078, 0.3881
CMYK	0.00, 0.23, 0.21, 0.23
HSL	353°, 28%, 68%
HSV	353°, 23%, 77%
XYZ	40.0950, 36.4038, 36.3812
YIQ	165.3240, 25.8110, 11.3070

Conversions

Conversions Part 2

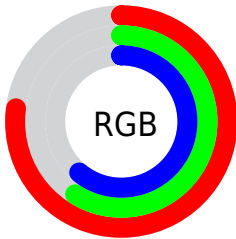
Format	Color
RYB	197, 151, 156
Decimal	12949404
CIELab	66.83, 17.98, 4.02
CIElCh	67, 18.421, 12.614
Yxy	36.4038, 0.3552, 0.3225
Android (android.graphics.Color)	4291139484 (0xFFC5979C)
YUV	165.3240, -4.5967, 27.7799
Hunter-Lab	60.3356, 13.0319, 6.4841

Details

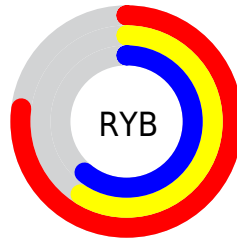
The Yxy color **36.4038, 0.3552, 0.3225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.3149, 0.2818, 0.3357**, and the grayscale version is **37.8053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3866, 0.3471, 0.3240**, and **15.8850, 0.3681, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **30.0332, 0.3810, 0.3196**, and if you desaturate by 10%, it is **43.9230, 0.3343, 0.3254**.

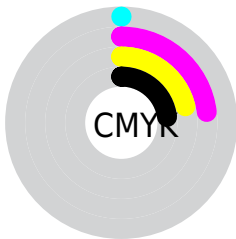
Distribution



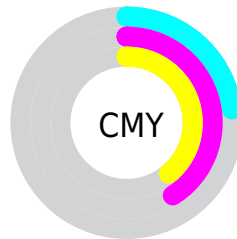
- Red (77%)
- Green (59%)
- Blue (61%)



- Red (77%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4038, 0.3552, 0.3225 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 36.4038, 0.3552, 0.3225 by changing the saturation by 10% instead.


 36.4038, 0.3552,
0.3225


 36.4038, 0.3552,
0.3225


330.7221, 0.3330,
0.3261

 24.7462, 0.3611,
0.3215


 69.6549, 0.3469,
0.3239

 15.8881, 0.3689,
0.3200


 92.0171, 0.3438,
0.3244

 9.4450, 0.3796,
0.3180

118.7164, 0.3413,
0.3248

 5.0326, 0.3954,
0.3148

150.1372, 0.3391,
0.3252

 2.2664, 0.4208,
0.3093

186.6637, 0.3372,
0.3255

 0.7558, 0.4801,
0.3028

228.6804, 0.3356,

 0.0000, 1.0000,

0.3257

0.0000

276.5717, 0.3342,
0.3259

0.0000, 0.0000,
0.0000

36.4038, 0.3552,
0.3225

36.4038, 0.3552,
0.3225

30.0332, 0.3810,
0.3196

43.9230, 0.3343,
0.3254

24.7501, 0.4125,
0.3168

52.6382, 0.3176,
0.3281

20.4949, 0.4499,
0.3145

62.6003, 0.3041,
0.3307

17.2007, 0.4923,
0.3133

73.8557, 0.2931,
0.3330

14.7924, 0.5371,
0.3137

86.4483, 0.2843,
0.3351

■ 13.1838, 0.5790,
0.3160

■ 90.6099, 0.2789,
0.3289

■ 12.2715, 0.6121,
0.3203

■ 11.9262, 0.6276,
0.3231

Harmonies

Analogous

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



36.4038, 0.3309, 0.3014



36.4038, 0.3552, 0.3225



36.4038, 0.3677, 0.3459

Triad

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



36.4038, 0.3552, 0.3225



36.4038, 0.3210, 0.3757



36.4038, 0.2630, 0.2899

Complementary

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



36.4038, 0.3552, 0.3225



50.3149, 0.2818, 0.3357

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.



36.4038, 0.2607, 0.3081



36.4038, 0.3552, 0.3225



36.4038, 0.2934, 0.3591

Square

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



36.4038, 0.3552, 0.3225



36.4038, 0.3472, 0.3779



36.4038, 0.2716, 0.3336



36.4038, 0.2779, 0.2827

Rectangle

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



36.4038, 0.3552, 0.3225



36.4038, 0.3674, 0.3603



36.4038, 0.2716, 0.3336



36.4038, 0.2607, 0.2948

Sweetspot

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



36.4055, 0.3552, 0.3225



88.1534, 0.3234, 0.3271



37.3235, 0.3103, 0.2707



18.6610, 0.3245, 0.3270



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.



36.4055, 0.3552, 0.3225



59.1548, 0.3676, 0.3210



42.3442, 0.3553, 0.3521



10.6555, 0.3273, 0.3265



7.8509, 0.6256, 0.3220



0.3783, 0.5847, 0.2995

Inverse Universe

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



36.4055, 0.3552, 0.3225



59.1548, 0.3676, 0.3210



42.9977, 0.2767, 0.3047



10.6555, 0.3273, 0.3265



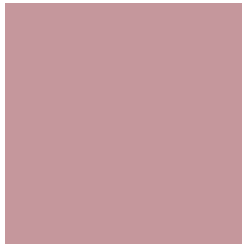
7.8509, 0.6256, 0.3220



0.3783, 0.5847, 0.2995

Previews

White Background



This preview shows how the Yxy color 36.4038, 0.3552, 0.3225 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 36.4038, 0.3552, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

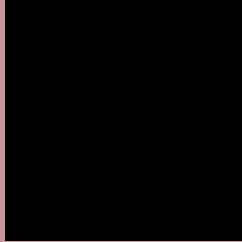
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4038, 0.3552, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 36.4038, 0.3552, 0.3225.



This preview shows how white text looks on a background with the Yxy color 36.4038, 0.3552, 0.3225.

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

36.4038, 0.3552, 0.3225

Protanopia

36.5563, 0.3165, 0.3290

Deuteranopia

36.4256, 0.3395, 0.3318



Tritanopia

36.4271, 0.3504, 0.3135

Trichromacy



Original Color

36.4038, 0.3552, 0.3225

Protanomaly

36.3389, 0.3295, 0.3263

Deuteranomaly

36.3740, 0.3450, 0.3291

Tritanomaly

36.3565, 0.3524, 0.3160

Monochromacy



Original Color

36.4038, 0.3552, 0.3225

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0974, 0.3274, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4038, 0.3552, 0.3225 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(197, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 156)  
}
```

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(197, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 156) }
```

Border

The CSS property to change the border of an element to Yxy 36.4038, 0.3552, 0.3225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

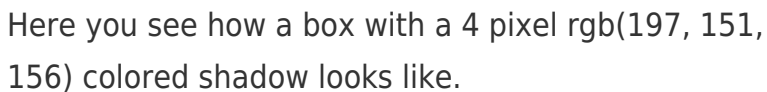
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 151, 156) }
```

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

```
.border{ border-color:rgb(197, 151, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 151, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 151, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 151, 156); box-shadow:4px 4px 4px 4px rgb(197, 151, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4038, 0.3552, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 156) }
```

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

```
.background{ background-color: rgb(197,  
151, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor