

Converting Colors

$Yxy(41.2898, 0.3621, 0.3355)$

Have a look what the booklet for
Yxy(41.2898, 0.3621, 0.3355)
contains.

Yxy(41.1554, 0.3625, 0.3355)	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(41.1554, 0.3625, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	CFA19C
RGB	207, 161, 156
RGB Percent	81%, 63%, 61%
CMY	0.1884, 0.3685, 0.3883
CMYK	0.00, 0.22, 0.25, 0.19
HSL	6°, 35%, 71%
HSV	6°, 25%, 81%
XYZ	44.4675, 41.1554, 37.0460
YIQ	174.1840, 29.0210, 8.1970

Conversions

Conversions Part 2

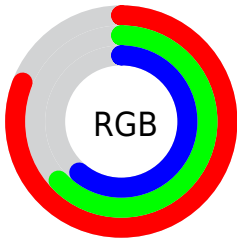
Format	Color
R _Y B	207, 162, 156
Decimal	13607324
CIE Lab	70.28, 16.24, 9.14
CIE LCh	70, 18.635, 29.384
Yxy	41.1554, 0.3625, 0.3355
Android (android.graphics.Color)	4291797404 (0xFFCFA19C)
YUV	174.1840, -8.9647, 28.7796
Hunter-Lab	64.1525, 11.4609, 10.6687

Details

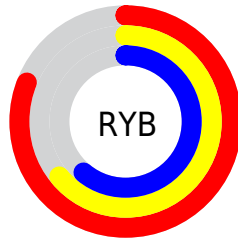
The Yxy color **41.1554, 0.3625, 0.3355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7716, 0.2762, 0.3224**, and the grayscale version is **42.4619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0249, 0.3459, 0.3352**, and **18.6326, 0.3781, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **34.4743, 0.3910, 0.3383**, and if you desaturate by 10%, it is **48.9320, 0.3392, 0.3327**.

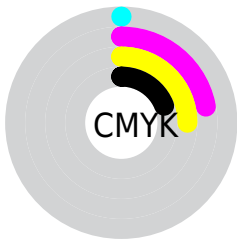
Distribution



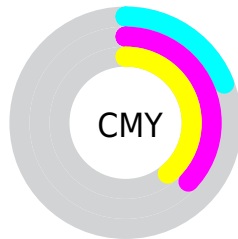
- Red (81%)
- Green (63%)
- Blue (61%)



- Red (81%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (22%)
- Yellow (25%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1554, 0.3625, 0.3355 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 41.1554, 0.3625, 0.3355 by changing the saturation by 10% instead.


 41.1554, 0.3625,
0.3355


 41.1554, 0.3625,
0.3355


350.9697, 0.3369,
0.3326

 28.4405, 0.3691,
0.3361


 76.9197, 0.3530,
0.3346

 18.6580, 0.3778,
0.3367


 100.7380, 0.3495,
0.3342

 11.4234, 0.3895,
0.3374


129.0262, 0.3466,
0.3338

 6.3524, 0.4064,
0.3381

162.1687, 0.3440,
0.3335

 3.0605, 0.4324,
0.3383

200.5499, 0.3419,
0.3333

 1.1634, 0.4837,
0.3405

244.5542, 0.3400,

 0.0315, 0.9312,

0.3330

0.0688

294.5660, 0.3383,
0.3328

0.0000, 0.0000,
0.0000

41.1554, 0.3625,
0.3355

41.1554, 0.3625,
0.3355

34.4743, 0.3910,
0.3383

48.9320, 0.3392,
0.3327

28.8341, 0.4253,
0.3410

57.8442, 0.3202,
0.3301

24.1840, 0.4653,
0.3431

67.9371, 0.3048,
0.3277

20.4666, 0.5095,
0.3443

79.2518, 0.2923,
0.3256

17.6188, 0.5544,
0.3439

91.5364, 0.2843,
0.3282

■ 15.5695, 0.5941,
0.3416

■ 91.9990, 0.2843,
0.3289

■ 14.2363, 0.6225,
0.3375

■ 13.7757, 0.6329,
0.3356

Harmonies

Analogous

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



41.1554, 0.3446, 0.3131



41.1554, 0.3625, 0.3355



41.1554, 0.3663, 0.3573

Triad

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



41.1554, 0.3625, 0.3355



41.1554, 0.3055, 0.3668



41.1554, 0.2711, 0.2857

Complementary

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



41.1554, 0.3625, 0.3355



53.7716, 0.2762, 0.3224

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.



41.1554, 0.2618, 0.2976



41.1554, 0.3625, 0.3355



41.1554, 0.2810, 0.3449

Square

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



41.1554, 0.3625, 0.3355



41.1554, 0.3326, 0.3771



41.1554, 0.2653, 0.3191



41.1554, 0.2914, 0.2851

Rectangle

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



41.1554, 0.3625, 0.3355



41.1554, 0.3604, 0.3688



41.1554, 0.2653, 0.3191



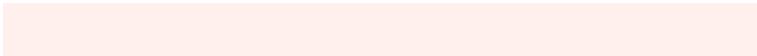
41.1554, 0.2666, 0.2884

Sweetspot

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



41.1573, 0.3625, 0.3355



89.0662, 0.3245, 0.3308



41.3293, 0.3193, 0.2729



18.8715, 0.3256, 0.3309



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.



41.1573, 0.3625, 0.3355



59.6386, 0.3782, 0.3371



50.6582, 0.3554, 0.3657



11.9935, 0.3288, 0.3314



8.7475, 0.6316, 0.3367



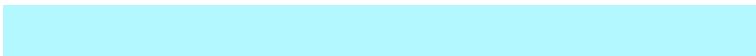
0.5549, 0.6083, 0.3552

Inverse Universe

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



53.7716, 0.2762, 0.3224



83.5337, 0.2684, 0.3207



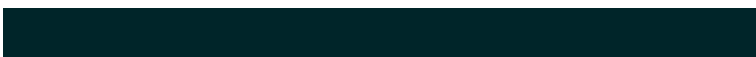
43.1021, 0.2733, 0.2893



13.1990, 0.2983, 0.3266



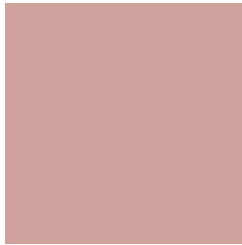
25.1855, 0.2161, 0.2979



1.4674, 0.2178, 0.3041

Previews

White Background



This preview shows how the Yxy color 41.1554, 0.3625, 0.3355 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 41.1554, 0.3625, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

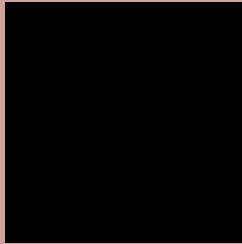
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1554, 0.3625, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 41.1554, 0.3625, 0.3355.



This preview shows how white text looks on a background with the Yxy color 41.1554, 0.3625, 0.3355.

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

41.1554, 0.3625, 0.3355

Protanopia

41.1994, 0.3268, 0.3413

Deuteranopia

41.2411, 0.3503, 0.3435



Tritanopia

41.2919, 0.3504, 0.3142

Trichromacy



Original Color

41.1554, 0.3625, 0.3355

Protanomaly

40.9943, 0.3397, 0.3384

Deuteranomaly

41.0596, 0.3548, 0.3408

Tritanomaly

41.3047, 0.3540, 0.3216

Monochromacy



Original Color

41.1554, 0.3625, 0.3355

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6051, 0.3302, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1554, 0.3625, 0.3355 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(207, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(207, 161, 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(207, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 161, 156) }
```

Border

The CSS property to change the border of an element to Yxy 41.1554, 0.3625, 0.3355 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(207, 161, 156) }
```

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

```
.border{ border-color:rgb(207, 161, 156) }
```

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

Here you see how a box with a 4 pixel rgb(207, 161, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 161, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 161, 156);  
box-shadow:4px 4px 4px 4px rgb(207, 161,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1554, 0.3625, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 161, 156) }
```

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

```
.background{ background-color: rgb(207,  
161, 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