

Converting Colors

$Yxy(40.7494, 0.3446, 0.3265)$

Have a look what the booklet for
Yxy(40.7494, 0.3446, 0.3265)
contains.

Yxy(40.9168, 0.3446, 0.3265)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.9168, 0.3446, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	C6A3A5
RGB	198, 163, 165
RGB Percent	78%, 64%, 65%
CMY	0.2234, 0.3608, 0.3529
CMYK	0.00, 0.18, 0.17, 0.22
HSL	357°, 24%, 71%
HSV	357°, 18%, 78%
XYZ	43.1851, 40.9168, 41.2176
YIQ	173.6930, 20.2180, 8.0420

Conversions

Conversions Part 2

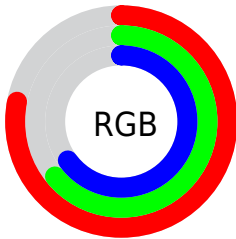
Format	Color
R_{YB}	198, 163, 165
Decimal	13018021
CIE _{Lab}	70.12, 13.19, 3.80
CIE _{LCh}	70, 13.727, 16.072
Yxy	40.9168, 0.3446, 0.3265
Android (android.graphics.Color)	4291208101 (0xFFC6A3A5)
YUV	173.6930, -4.2856, 21.3172
Hunter-Lab	63.9662, 8.5685, 6.5720

Details

The Yxy color **40.9168, 0.3446, 0.3265** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1792, 0.2877, 0.3315**, and the grayscale version is **42.1789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5701, 0.3384, 0.3271**, and **18.4904, 0.3551, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **33.7976, 0.3689, 0.3250**, and if you desaturate by 10%, it is **49.2401, 0.3251, 0.3280**.

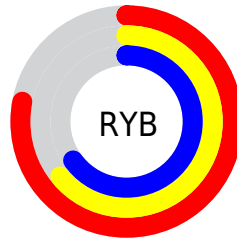
Distribution



Red (78%)

Green (64%)

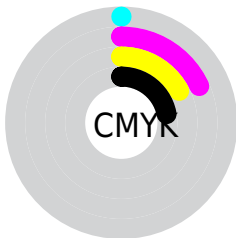
Blue (65%)



Red (78%)

Yellow (64%)

Blue (65%)

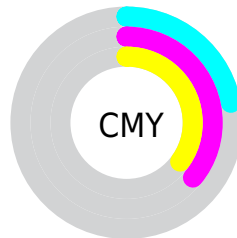


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9168, 0.3446, 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 40.9168, 0.3446, 0.3265 by changing the saturation by 10% instead.


 40.9168, 0.3446,
0.3265

 40.9168, 0.3446,
0.3265


349.9728, 0.3282,
0.3279

 28.2541, 0.3488,
0.3261


 76.5576, 0.3385,
0.3271

 18.5173, 0.3544,
0.3255


 100.3044, 0.3363,
0.3273

 11.3220, 0.3619,
0.3247


128.5148, 0.3344,
0.3274

 6.2839, 0.3727,
0.3234

161.5730, 0.3328,
0.3276

 3.0184, 0.3895,
0.3211

199.8635, 0.3314,
0.3277

 1.1414, 0.4192,
0.3164

243.7707, 0.3302,

 0.0130, 0.9625,

0.3278

0.0375

293.6790, 0.3292,
0.3279

0.0000, 0.0000,
0.0000

40.9168, 0.3446,
0.3265

40.9168, 0.3446,
0.3265

33.7976, 0.3689,
0.3250

49.2401, 0.3251,
0.3280

27.8217, 0.3989,
0.3235

58.8138, 0.3094,
0.3293

22.9310, 0.4352,
0.3223

69.6885, 0.2968,
0.3305

19.0605, 0.4774,
0.3214

81.9104, 0.2866,
0.3317

16.1380, 0.5234,
0.3213

90.7513, 0.2795,
0.3289

■ 14.0819, 0.5686,
0.3222

■ 12.7969, 0.6062,
0.3242

■ 12.1466, 0.6306,
0.3268

■ 12.0363, 0.6345,
0.3269

Harmonies

Analogous

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



40.9168, 0.3281, 0.3106



40.9168, 0.3446, 0.3265



40.9168, 0.3523, 0.3435

Triad

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



40.9168, 0.3446, 0.3265



40.9168, 0.3166, 0.3611



40.9168, 0.2775, 0.2999

Complementary

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



40.9168, 0.3446, 0.3265



52.1792, 0.2877, 0.3315

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.



40.9168, 0.2747, 0.3125



40.9168, 0.3446, 0.3265



40.9168, 0.2968, 0.3485

Square

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



40.9168, 0.3446, 0.3265



40.9168, 0.3357, 0.3643



40.9168, 0.2817, 0.3303



40.9168, 0.2895, 0.2954

Rectangle

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



40.9168, 0.3446, 0.3265



40.9168, 0.3513, 0.3534



40.9168, 0.2817, 0.3303



40.9168, 0.2755, 0.3033

Sweetspot

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



40.9186, 0.3446, 0.3265



91.3831, 0.3206, 0.3283



41.9660, 0.3126, 0.2853



19.3105, 0.3218, 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.



40.9186, 0.3446, 0.3265



67.6280, 0.3528, 0.3260



46.5672, 0.3432, 0.3484



10.6466, 0.3281, 0.3277



7.8282, 0.6331, 0.3261



0.3742, 0.6094, 0.3131

Inverse Universe

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



40.9186, 0.3446, 0.3265



67.6280, 0.3528, 0.3260



45.6705, 0.2853, 0.3088



10.6466, 0.3281, 0.3277



7.8282, 0.6331, 0.3261



0.3742, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 40.9168, 0.3446, 0.3265 looks on a white background.

Color Contrast Check

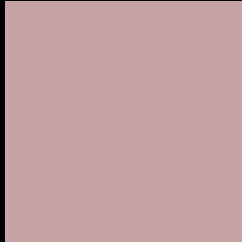
Large Text (above 18pt) WCAG AA × Fail

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 40.9168, 0.3446, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

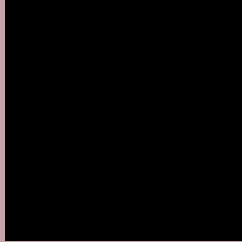
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9168, 0.3446, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 40.9168, 0.3446, 0.3265.



This preview shows how white text looks on a background with the Yxy color 40.9168, 0.3446, 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

40.9168, 0.3446, 0.3265

Protanopia

41.1044, 0.3180, 0.3318

Deuteranopia

41.0291, 0.3381, 0.3317



Tritanopia

41.0388, 0.3373, 0.3138

Trichromacy



Original Color

40.9168, 0.3446, 0.3265

Protanomaly

40.8997, 0.3266, 0.3290

Deuteranomaly

41.0599, 0.3412, 0.3304

Tritanomaly

40.9230, 0.3401, 0.3176

Monochromacy



Original Color

40.9168, 0.3446, 0.3265

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.7570, 0.3238, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9168, 0.3446, 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, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 165)  
}
```

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, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 165) }
```

Border

The CSS property to change the border of an element to Yxy 40.9168, 0.3446, 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, 163, 165) }
```

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

```
.border{ border-color:rgb(198, 163, 165) }
```

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

Here you see how a box with a 4 pixel rgb(198, 163, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9168, 0.3446, 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, 163, 165) }
```

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

```
.background{ background-color: rgb(198,  
163, 165) }
```

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