

Converting Colors

$Yxy(40.2845, 0.3642, 0.3612)$

Have a look what the booklet for
Yxy(40.2845, 0.3642, 0.3612)
contains.

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Color

Yxy(40.4058, 0.3648, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	C3A58C
RGB	195, 165, 140
RGB Percent	76%, 65%, 55%
CMY	0.2352, 0.3529, 0.4511
CMYK	0.00, 0.15, 0.28, 0.24
HSL	27°, 31%, 66%
HSV	27°, 28%, 76%
XYZ	40.6958, 40.4058, 30.4550
YIQ	171.1200, 25.9050, -1.4150

Conversions

Conversions Part 2

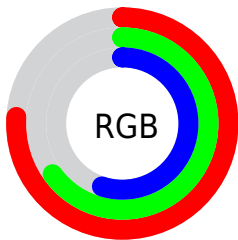
Format	Color
R _Y B	195, 186, 140
Decimal	12821900
CIE Lab	69.76, 7.21, 17.06
CIE LCh	70, 18.522, 67.092
Yxy	40.4058, 0.3648, 0.3622
Android (android.graphics.Color)	4291011980 (0xFFC3A58C)
YUV	171.1200, -15.3422, 20.9428
Hunter-Lab	63.5656, 3.0393, 16.0894

Details

The Yxy color **40.4058, 0.3648, 0.3622** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.2596, 0.2685, 0.2932**, and the grayscale version is **40.8577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7769, 0.3544, 0.3559**, and **18.1239, 0.3798, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **36.2043, 0.3883, 0.3745**, and if you desaturate by 10%, it is **45.0320, 0.3440, 0.3500**.

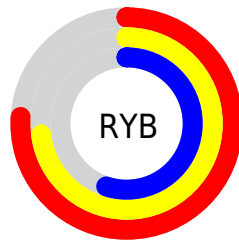
Distribution



Red (76%)

Green (65%)

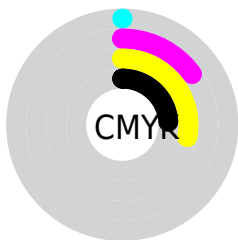
Blue (55%)



Red (76%)

Yellow (73%)

Blue (55%)

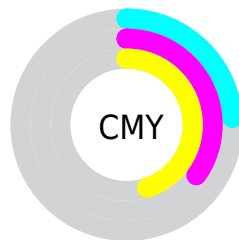


Cyan (0%)

Magenta (15%)

Yellow (28%)

Black (24%)



Cyan (24%)

Magenta (35%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4058, 0.3648, 0.3622 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 40.4058, 0.3648, 0.3622 by changing the saturation by 10% instead.


 40.4058, 0.3648,
0.3622

 40.4058, 0.3648,
0.3622


347.8310, 0.3380,
0.3457

 27.8551, 0.3717,
0.3663


 75.7811, 0.3549,
0.3562

 18.2164, 0.3807,
0.3714


 99.3744, 0.3512,
0.3540

 11.1055, 0.3927,
0.3781


 127.4174, 0.3482,
0.3521

 6.1378, 0.4099,
0.3872

160.2944, 0.3455,
0.3504

 2.9291, 0.4357,
0.3997

198.3899, 0.3433,
0.3490

 1.0948, 0.5344,
0.4656

242.0882, 0.3413,

 0.0000, 1.0000,

0.3477

0.0000

291.7738, 0.3396,
0.3466

■ 0.0000, 0.0000,
0.0000

■ 40.4058, 0.3648,
0.3622

■ 40.4058, 0.3648,
0.3622

■ 36.2043, 0.3883,
0.3745

■ 45.0320, 0.3440,
0.3500

■ 32.4088, 0.4145,
0.3862

■ 50.0898, 0.3258,
0.3382

■ 29.0072, 0.4429,
0.3963

■ 55.5928, 0.3101,
0.3271

■ 25.9848, 0.4724,
0.4038

■ 61.5526, 0.2964,
0.3168

■ 23.3254, 0.5014,
0.4074

■ 67.9798, 0.2847,
0.3072

■ 21.0111, 0.5280,
0.4058

■ 74.7567, 0.2755,
0.3006

■ 19.0190, 0.5506,
0.3992

■ 80.8167, 0.2765,
0.3123

■ 18.6943, 0.5545,
0.3979

■ 87.2433, 0.2774,
0.3237

■ 90.3442, 0.2778,
0.3289

Harmonies

Analogous

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



40.4058, 0.3650, 0.3414



40.4058, 0.3648, 0.3622



40.4058, 0.3502, 0.3754

Triad

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



40.4058, 0.3648, 0.3622



40.4058, 0.2759, 0.3383



40.4058, 0.2979, 0.2867

Complementary

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



40.4058, 0.3648, 0.3622



38.2596, 0.2685, 0.2932

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.



40.4058, 0.2754, 0.2844



40.4058, 0.3648, 0.3622



40.4058, 0.2632, 0.3129

Square

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



40.4058, 0.3648, 0.3622



40.4058, 0.2986, 0.3621



40.4058, 0.2630, 0.2935



40.4058, 0.3254, 0.2990

Rectangle

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



40.4058, 0.3648, 0.3622



40.4058, 0.3346, 0.3773



40.4058, 0.2630, 0.2935



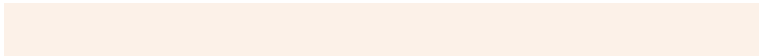
40.4058, 0.2896, 0.2847

Sweetspot

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



40.4077, 0.3648, 0.3622



89.7897, 0.3257, 0.3381



33.2647, 0.3407, 0.2894



19.3475, 0.3283, 0.3398



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.



40.4077, 0.3648, 0.3622



67.5269, 0.3793, 0.3700



51.3121, 0.3557, 0.3955



10.8154, 0.3278, 0.3395



12.3118, 0.5523, 0.3997



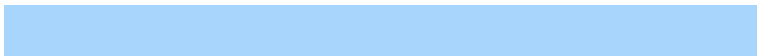
0.6695, 0.5152, 0.4291

Inverse Universe

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



38.2596, 0.2685, 0.2932



63.0322, 0.2585, 0.2839



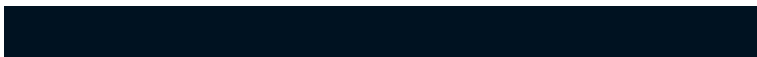
29.0772, 0.2643, 0.2525



10.6377, 0.2984, 0.3183



9.4756, 0.1819, 0.1748



0.5458, 0.1924, 0.2124

Previews

White Background



This preview shows how the Yxy color 40.4058, 0.3648, 0.3622 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 40.4058, 0.3648, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

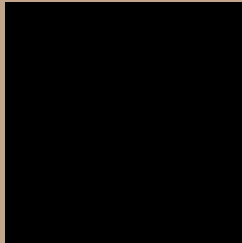
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4058, 0.3648, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 40.4058, 0.3648, 0.3622.



This preview shows how white text looks on a background with the Yxy color 40.4058, 0.3648, 0.3622.

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

40.4058, 0.3648, 0.3622

Protanopia

40.4057, 0.3466, 0.3678

Deuteranopia

40.4501, 0.3681, 0.3606



Tritanopia

40.3009, 0.3386, 0.3125

Trichromacy



Original Color

40.4058, 0.3648, 0.3622

Protanomaly

40.2426, 0.3529, 0.3659

Deuteranomaly

40.3147, 0.3671, 0.3607

Tritanomaly

40.4196, 0.3486, 0.3304

Monochromacy



Original Color

40.4058, 0.3648, 0.3622

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6173, 0.3307, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4058, 0.3648, 0.3622 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(195, 165, 140)` looks like.

```
.text, #text, p{  
    color:rgb(195, 165, 140)  
}
```

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(195, 165, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 165, 140) }
```

Border

The CSS property to change the border of an element to Yxy 40.4058, 0.3648, 0.3622 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(195, 165, 140) }
```

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

```
.border{ border-color:rgb(195, 165, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 165, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 165, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 165, 140);  
box-shadow:4px 4px 4px 4px rgb(195, 165,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4058, 0.3648, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 165, 140) }
```

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

```
.background{ background-color: rgb(195,  
165, 140) }
```

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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