

Converting Colors

$Y_{xy}(40.4740, 0.3734, 0.3712)$

Have a look what the booklet for
Yxy(40.4740, 0.3734, 0.3712)
contains.

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Color

Yxy(40.4740, 0.3734, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	C5A585
RGB	197, 165, 133
RGB Percent	77%, 65%, 52%
CMY	0.2274, 0.3529, 0.4785
CMYK	0.00, 0.16, 0.33, 0.23
HSL	30°, 36%, 65%
HSV	30°, 33%, 77%
XYZ	40.7139, 40.4740, 27.8477
YIQ	170.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

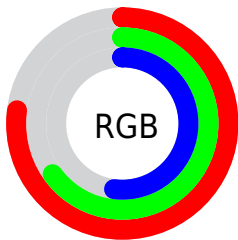
Format	Color
RYB	197, 197, 133
Decimal	12952965
CIELab	69.81, 7.06, 20.99
CIELCh	70, 22.144, 71.414
Yxy	40.4740, 0.3734, 0.3712
Android (android.graphics.Color)	4291143045 (0xFFC5A585)
YUV	170.9200, -18.6946, 22.8722
Hunter-Lab	63.6192, 2.8997, 18.5807

Details

The Yxy color $40.4740, 0.3734, 0.3712$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $35.9168, 0.2611, 0.2825$, and the grayscale version is $40.7672, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8024, 0.3617, 0.3640$, and $18.1856, 0.3919, 0.3827$ is the 20% darker color. If you saturate the color by 10%, you get $36.5654, 0.3971, 0.3845$, and if you desaturate by 10%, it is $44.7619, 0.3520, 0.3577$.

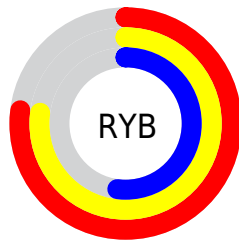
Distribution



Red (77%)

Green (65%)

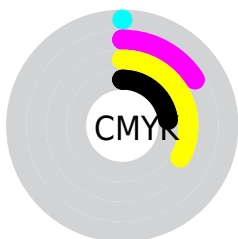
Blue (52%)



Red (77%)

Yellow (77%)

Blue (52%)

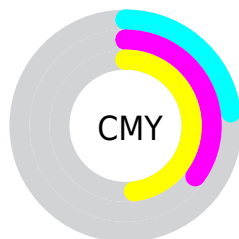


Cyan (0%)

Magenta (16%)

Yellow (33%)

Black (23%)



Cyan (23%)


Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4740, 0.3734, 0.3712 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 40.4740, 0.3734, 0.3712 by changing the saturation by 10% instead.


 40.4740, 0.3734,
0.3712


 40.4740, 0.3734,
0.3712


348.1174, 0.3423,
0.3502

 27.9083, 0.3814,
0.3763


 75.8848, 0.3619,
0.3637

 18.2566, 0.3916,
0.3828


 99.4986, 0.3577,
0.3608

 11.1343, 0.4054,
0.3911


 127.5640, 0.3541,
0.3584

 6.1573, 0.4246,
0.4021

160.4653, 0.3510,
0.3563

 2.9409, 0.4529,
0.4167

198.5869, 0.3484,
0.3545

 1.1010, 0.5334,
0.4666

242.3131, 0.3461,

 0.0000, 1.0000,

0.3529

0.0000

292.0285, 0.3441,
0.3515

0.0000, 0.0000,
0.0000

40.4740, 0.3734,
0.3712

40.4740, 0.3734,
0.3712

36.5654, 0.3971,
0.3845

44.7619, 0.3520,
0.3577

33.0186, 0.4230,
0.3967

49.4347, 0.3331,
0.3446

29.8229, 0.4501,
0.4069

54.5049, 0.3165,
0.3320

26.9647, 0.4775,
0.4139

59.9827, 0.3020,
0.3203

24.4290, 0.5035,
0.4163

65.8778, 0.2894,
0.3094

■ 22.1991, 0.5263,
0.4134

■ 72.1997, 0.2784,
0.2994

■ 20.7095, 0.5413,
0.4084

■ 77.8921, 0.2771,
0.3063

■ 83.6522, 0.2780,
0.3170

■ 89.7287, 0.2788,
0.3274

Harmonies

Analogous

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



40.4740, 0.3764, 0.3471



40.4740, 0.3734, 0.3712



40.4740, 0.3536, 0.3856

Triad

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



40.4740, 0.3734, 0.3712



40.4740, 0.2659, 0.3354



40.4740, 0.2995, 0.2804

Complementary

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



40.4740, 0.3734, 0.3712



35.9168, 0.2611, 0.2825

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.



40.4740, 0.2715, 0.2757



40.4740, 0.3734, 0.3712



40.4740, 0.2530, 0.3055

Square

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



40.4740, 0.3734, 0.3712



40.4740, 0.2913, 0.3652



40.4740, 0.2550, 0.2842



40.4740, 0.3325, 0.2964

Rectangle

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



40.4740, 0.3734, 0.3712



40.4740, 0.3341, 0.3866



40.4740, 0.2550, 0.2842



40.4740, 0.2892, 0.2775

Sweetspot

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



40.4759, 0.3734, 0.3712



90.6021, 0.3290, 0.3416



31.3556, 0.3499, 0.2872



19.1226, 0.3315, 0.3434



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.



40.4759, 0.3734, 0.3712



67.4514, 0.3900, 0.3807



53.4974, 0.3612, 0.4092



11.4989, 0.3277, 0.3406



13.7882, 0.5393, 0.4100



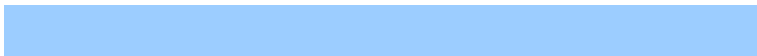
0.7977, 0.5078, 0.4350

Inverse Universe

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



35.9168, 0.2611, 0.2825



58.0255, 0.2496, 0.2704



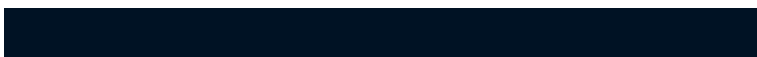
25.7846, 0.2552, 0.2339



11.1486, 0.2983, 0.3171



8.6198, 0.1776, 0.1592



0.5530, 0.1881, 0.1972

Previews

White Background



This preview shows how the Yxy color 40.4740, 0.3734, 0.3712 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 40.4740, 0.3734, 0.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

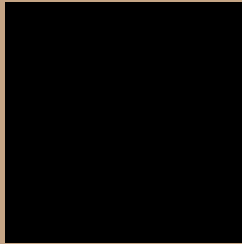
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4740, 0.3734, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 40.4740, 0.3734, 0.3712.



This preview shows how white text looks on a background with the Yxy color 40.4740, 0.3734, 0.3712.

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

40.4740, 0.3734, 0.3712

Protanopia

40.4438, 0.3548, 0.3773

Deuteranopia

40.5237, 0.3768, 0.3695



Tritanopia

40.5377, 0.3414, 0.3138

Trichromacy



Original Color

40.4740, 0.3734, 0.3712

Protanomaly

40.2913, 0.3613, 0.3752

Deuteranomaly

40.3865, 0.3758, 0.3696

Tritanomaly

40.5886, 0.3534, 0.3343

Monochromacy



Original Color

40.4740, 0.3734, 0.3712

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5136, 0.3334, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4740, 0.3734, 0.3712 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, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(197, 165, 133)  
}
```

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, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 165, 133) }
```

Border

The CSS property to change the border of an element to Yxy 40.4740, 0.3734, 0.3712 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, 165, 133) }
```

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

```
.border{ border-color:rgb(197, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(197, 165,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4740, 0.3734, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 165, 133) }
```

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

```
.background{ background-color: rgb(197,  
165, 133) }
```

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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