

Converting Colors

$Yxy(39.9039, 0.3678, 0.3678)$

Have a look what the booklet for
Yxy(39.9039, 0.3678, 0.3678)
contains.

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Color

Yxy(40.1289, 0.3685, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	C2A587
RGB	194, 165, 135
RGB Percent	76%, 65%, 53%
CMY	0.2392, 0.3529, 0.4707
CMYK	0.00, 0.15, 0.30, 0.24
HSL	31°, 33%, 65%
HSV	31°, 30%, 76%
XYZ	40.0745, 40.1289, 28.5470
YIQ	170.2510, 26.9140, -3.1820

Conversions

Conversions Part 2

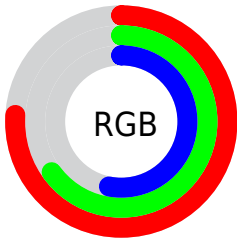
Format	Color
R_{YB}	192, 194, 135
Decimal	12756359
CIE _{Lab}	69.56, 6.13, 19.51
CIE _{LCh}	70, 20.453, 72.564
Yxy	40.1289, 0.3685, 0.3690
Android (android.graphics.Color)	4290946439 (0xFFC2A587)
YUV	170.2510, -17.3787, 20.8279
Hunter-Lab	63.3474, 2.0639, 17.6246

Details

The Yxy color $40.1289, 0.3685, 0.3690$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $35.5835, 0.2645, 0.2852$, and the grayscale version is $40.4086, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.3265, 0.3580, 0.3622$, and $17.9551, 0.3850, 0.3800$ is the 20% darker color. If you saturate the color by 10%, you get $36.3226, 0.3916, 0.3826$, and if you desaturate by 10%, it is $44.2946, 0.3478, 0.3554$.

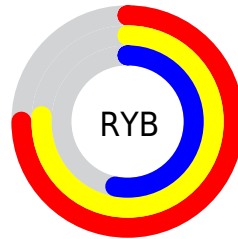
Distribution



Red (76%)

Green (65%)

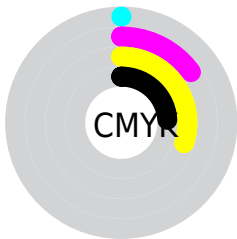
Blue (53%)



Red (75%)

Yellow (76%)

Blue (53%)

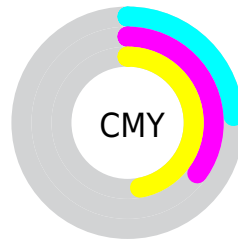


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (24%)



Cyan (24%)


Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1289, 0.3685, 0.3690 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 40.1289, 0.3685, 0.3690 by changing the saturation by 10% instead.


 40.1289, 0.3685,
0.3690


 40.1289, 0.3685,
0.3690


346.6666, 0.3398,
0.3490


 27.6391, 0.3758,
0.3739


 75.3598, 0.3579,
0.3618

 18.0538, 0.3854,
0.3802


 98.8696, 0.3540,
0.3590

 10.9886, 0.3982,
0.3883


 126.8215, 0.3507,
0.3567

 6.0592, 0.4161,
0.3993

159.5999, 0.3479,
0.3547

 2.8811, 0.4429,
0.4142

197.5892, 0.3455,
0.3530

 1.0700, 0.5279,
0.4721

241.1739, 0.3434,

 0.0000, 1.0000,

0.3515

0.0000

290.7382, 0.3415,
0.3502

■ 0.0000, 0.0000,
0.0000

■ 40.1289, 0.3685,
0.3690

■ 40.1289, 0.3685,
0.3690

■ 36.3226, 0.3916,
0.3826

■ 44.2946, 0.3478,
0.3554

■ 32.8592, 0.4167,
0.3953

■ 48.8246, 0.3295,
0.3421

■ 29.7289, 0.4433,
0.4062

■ 53.7305, 0.3133,
0.3295

■ 26.9191, 0.4704,
0.4142

■ 59.0218, 0.2993,
0.3178

■ 24.4162, 0.4963,
0.4178

■ 64.7076, 0.2870,
0.3069

■ 22.2048, 0.5195,
0.4163

■ 70.7966, 0.2763,
0.2969

■ 20.3373, 0.5386,
0.4105

■ 76.2390, 0.2752,
0.3037

■ 81.7410, 0.2761,
0.3142

■ 87.5382, 0.2769,
0.3244

Harmonies

Analogous

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



40.1289, 0.3719, 0.3470



40.1289, 0.3685, 0.3690



40.1289, 0.3498, 0.3816

Triad

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



40.1289, 0.3685, 0.3690



40.1289, 0.2686, 0.3339



40.1289, 0.3016, 0.2842

Complementary

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



40.1289, 0.3685, 0.3690



35.5835, 0.2645, 0.2852

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.



40.1289, 0.2753, 0.2794



40.1289, 0.3685, 0.3690



40.1289, 0.2570, 0.3064

Square

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



40.1289, 0.3685, 0.3690



40.1289, 0.2919, 0.3615



40.1289, 0.2594, 0.2870



40.1289, 0.3322, 0.2994

Rectangle

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



40.1289, 0.3685, 0.3690



40.1289, 0.3315, 0.3820



40.1289, 0.2594, 0.2870



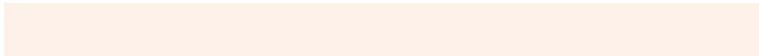
40.1289, 0.2920, 0.2813

Sweetspot

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



40.1307, 0.3685, 0.3690



89.5600, 0.3273, 0.3404



31.4890, 0.3468, 0.2900



19.3339, 0.3298, 0.3424



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.



40.1307, 0.3685, 0.3690



67.7018, 0.3848, 0.3788



51.7996, 0.3581, 0.4040



10.9061, 0.3277, 0.3407



13.5363, 0.5366, 0.4121



0.7226, 0.5037, 0.4383

Inverse Universe

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



35.5835, 0.2645, 0.2852



58.0583, 0.2528, 0.2730



26.3662, 0.2595, 0.2410



10.5466, 0.2984, 0.3170



8.1397, 0.1768, 0.1566



0.4897, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 40.1289, 0.3685, 0.3690 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 40.1289, 0.3685, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

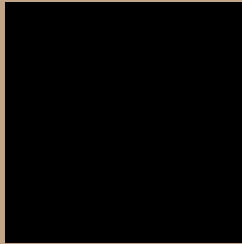
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1289, 0.3685, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 40.1289, 0.3685, 0.3690.



This preview shows how white text looks on a background with the Yxy color 40.1289, 0.3685, 0.3690.

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

40.1289, 0.3685, 0.3690

Protanopia

40.2589, 0.3511, 0.3748

Deuteranopia

39.9494, 0.3733, 0.3659



Tritanopia

40.1259, 0.3385, 0.3137

Trichromacy



Original Color

40.1289, 0.3685, 0.3690

Protanomaly

40.0971, 0.3575, 0.3728

Deuteranomaly

40.1705, 0.3719, 0.3673

Tritanomaly

40.2142, 0.3495, 0.3330

Monochromacy



Original Color

40.1289, 0.3685, 0.3690

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0233, 0.3326, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1289, 0.3685, 0.3690 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(194, 165, 135)` looks like.

```
.text, #text, p{  
    color:rgb(194, 165, 135)  
}
```

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(194, 165, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 165, 135) }
```

Border

The CSS property to change the border of an element to Yxy 40.1289, 0.3685, 0.3690 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(194, 165, 135) }
```

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

```
.border{ border-color:rgb(194, 165, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 165, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 165, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 165, 135);  
box-shadow:4px 4px 4px 4px rgb(194, 165,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1289, 0.3685, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 165, 135) }
```

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

```
.background{ background-color: rgb(194,  
165, 135) }
```

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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