

Converting Colors

Yxy(34.9692, 0.4001, 0.4285)

Have a look what the booklet for
Yxy(34.9692, 0.4001, 0.4285)
contains.

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Color

Yxy(35.0681, 0.3997, 0.4285)

Conversions

Conversions Part 1

Format	Color
Hex	B39F57
RGB	179, 159, 87
RGB Percent	70%, 62%, 34%
CMY	0.2980, 0.3765, 0.6588
CMYK	0.00, 0.11, 0.51, 0.30
HSL	47°, 38%, 52%
HSV	47°, 51%, 70%
XYZ	32.7111, 35.0681, 14.0600
YIQ	156.7720, 35.0320, -18.1520

Conversions

Conversions Part 2

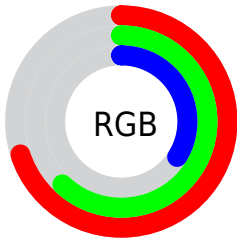
Format	Color
RYB	113, 179, 87
Decimal	11771735
CIELab	65.80, -2.20, 39.95
CIELCh	66, 40.009, 93.152
Yxy	35.0681, 0.3997, 0.4285
Android (android.graphics.Color)	4289961815 (0xFFB39F57)
YUV	156.7720, -34.3976, 19.4940
Hunter-Lab	59.2183, -5.0319, 27.3758

Details

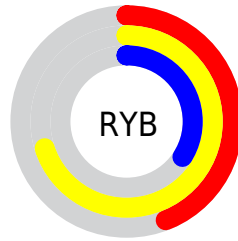
The Yxy color **35.0681, 0.3997, 0.4285** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7985, 0.2224, 0.2028**, and the grayscale version is **33.7560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2563, 0.3841, 0.4103**, and **15.1502, 0.4225, 0.4564** is the 20% darker color. If you saturate the color by 10%, you get **33.4944, 0.4168, 0.4445**, and if you desaturate by 10%, it is **36.7598, 0.3819, 0.4102**.

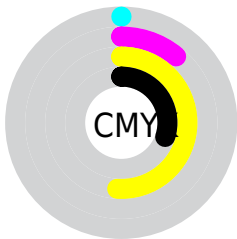
Distribution



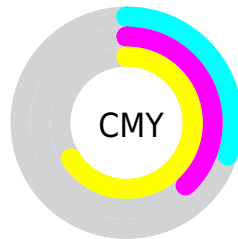
- Red (70%)
- Green (62%)
- Blue (34%)



- Red (44%)
- Yellow (70%)
- Blue (34%)



- Cyan (0%)
- Magenta (11%)
- Yellow (51%)
- Black (30%)




- Cyan (30%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0681, 0.3997, 0.4285 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 35.0681, 0.3997, 0.4285 by changing the saturation by 10% instead.


 35.0681, 0.3997,
0.4285


 35.0681, 0.3997,
0.4285


324.8688, 0.3559,
0.3778

 23.7153, 0.4101,
0.4408


 67.5913, 0.3840,
0.4102


 15.1226, 0.4227,
0.4560

 89.5304, 0.3780,
0.4032


 8.9055, 0.4380,
0.4747


 115.7672, 0.3729,
0.3973

 4.6796, 0.4618,
0.5041

 146.6860, 0.3685,
0.3923

 2.0605, 0.4752,
0.5248

 182.6711, 0.3647,
0.3879

 0.6423, 0.4643,
0.5357

224.1070, 0.3614,

 0.0000, 0.0000,

0.3841

0.0000

271.3781, 0.3585,
0.3808

■ 35.0681, 0.3997,
0.4285

■ 35.0681, 0.3997,
0.4285

■ 33.4944, 0.4168,
0.4445

■ 36.7598, 0.3819,
0.4102

■ 32.0279, 0.4324,
0.4571

■ 38.5700, 0.3640,
0.3907

■ 30.6637, 0.4458,
0.4657

■ 40.5049, 0.3466,
0.3706

■ 29.3940, 0.4564,
0.4696

■ 42.5693, 0.3301,
0.3508

■ 28.3646, 0.4637,
0.4700

■ 44.7673, 0.3148,
0.3316

■ 47.1028, 0.3007,
0.3135

■ 49.5797, 0.2878,
0.2965

■ 52.2016, 0.2762,
0.2807

■ 54.9719, 0.2657,
0.2663

Harmonies

Analogous

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



35.0681, 0.4317, 0.3909



35.0681, 0.3997, 0.4285



35.0681, 0.3460, 0.4411

Triad

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



35.0681, 0.3997, 0.4285



35.0681, 0.2083, 0.2956



35.0681, 0.3312, 0.2609

Complementary

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



35.0681, 0.3997, 0.4285



15.7985, 0.2224, 0.2028

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.



35.0681, 0.2710, 0.2380



35.0681, 0.3997, 0.4285



35.0681, 0.2053, 0.2529

Square

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



35.0681, 0.3997, 0.4285



35.0681, 0.2364, 0.3567



35.0681, 0.2268, 0.2342



35.0681, 0.3915, 0.2985

Rectangle

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



35.0681, 0.3997, 0.4285



35.0681, 0.3057, 0.4280



35.0681, 0.2268, 0.2342



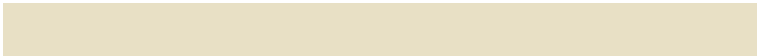
35.0681, 0.3101, 0.2514

Sweetspot

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



35.0697, 0.3997, 0.4285



74.7758, 0.3364, 0.3584



17.4936, 0.4219, 0.2984



16.3958, 0.3398, 0.3625



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.0697, 0.3997, 0.4285



59.5322, 0.4195, 0.4468



39.8509, 0.3628, 0.4625



9.5867, 0.3268, 0.3467



20.1385, 0.4631, 0.4705



0.7118, 0.4487, 0.4819

Inverse Universe

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



15.7985, 0.2224, 0.2028



21.2186, 0.2011, 0.1689



13.4850, 0.2392, 0.1775



8.5199, 0.2985, 0.3107



3.4031, 0.1569, 0.0847



0.1928, 0.1714, 0.1370

Previews

White Background



This preview shows how the Yxy color 35.0681, 0.3997, 0.4285 looks on a white background.

Color Contrast Check

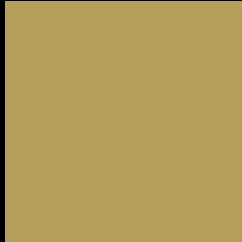
Large Text (above 18pt) WCAG AA × Fail

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 35.0681, 0.3997, 0.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

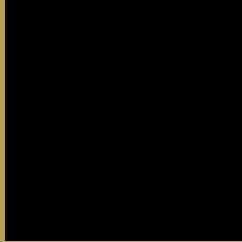
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0681, 0.3997, 0.4285

Background



This preview shows how black text looks on a background with the Yxy color 35.0681, 0.3997, 0.4285.



This preview shows how white text looks on a background with the Yxy color 35.0681, 0.3997, 0.4285.

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

35.0681, 0.3997, 0.4285

Protanopia

35.0598, 0.3958, 0.4310

Deuteranopia

35.1058, 0.4193, 0.4123



Tritanopia

34.8604, 0.3380, 0.3128

Trichromacy



Original Color

35.0681, 0.3997, 0.4285

Protanomaly

35.1768, 0.3969, 0.4306

Deuteranomaly

34.9661, 0.4123, 0.4183

Tritanomaly

34.5990, 0.3615, 0.3544

Monochromacy



Original Color

35.0681, 0.3997, 0.4285

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1190, 0.3440, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0681, 0.3997, 0.4285 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(179, 159, 87)` looks like.

```
.text, #text, p{  
    color:rgb(179, 159, 87)  
}
```

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(179, 159, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 159, 87) }
```

Border

The CSS property to change the border of an element to Yxy 35.0681, 0.3997, 0.4285 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(179, 159, 87) }
```

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

```
.border{ border-color:rgb(179, 159, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 159, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 159, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 159, 87);  
box-shadow:4px 4px 4px 4px rgb(179, 159,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0681, 0.3997, 0.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 159, 87) }
```

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

```
.background{ background-color: rgb(179,  
159, 87) }
```

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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