

Converting Colors

$Yxy(35.0935, 0.3477, 0.3379)$

Have a look what the booklet for
Yxy(35.0935, 0.3477, 0.3379)
contains.

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Color

Yxy(35.1629, 0.3480, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	B69A93
RGB	182, 154, 147
RGB Percent	71%, 60%, 58%
CMY	0.2864, 0.3960, 0.4235
CMYK	0.00, 0.15, 0.19, 0.29
HSL	12°, 19%, 65%
HSV	12°, 19%, 71%
XYZ	36.1071, 35.1629, 32.4860
YIQ	161.5740, 18.9350, 3.7590

Conversions

Conversions Part 2

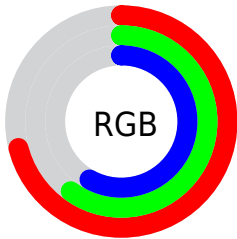
Format	Color
RYB	182, 156, 147
Decimal	11967123
CIELab	65.88, 9.21, 7.52
CIELCh	66, 11.893, 39.238
Yxy	35.1629, 0.3480, 0.3389
Android (android.graphics.Color)	4290157203 (0xFFB69A93)
YUV	161.5740, -7.1850, 17.9136
Hunter-Lab	59.2983, 4.9176, 9.0274

Details

The Yxy color **35.1629, 0.3480, 0.3389** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2170, 0.2838, 0.3189**, and the grayscale version is **35.9486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5059, 0.3409, 0.3366**, and **15.2122, 0.3608, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **30.1236, 0.3720, 0.3444**, and if you desaturate by 10%, it is **40.8774, 0.3281, 0.3336**.

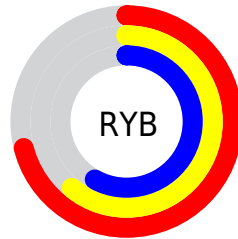
Distribution



Red (71%)

Green (60%)

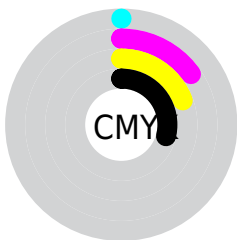
Blue (58%)



Red (71%)

Yellow (61%)

Blue (58%)

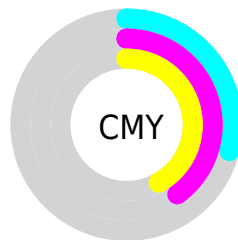


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (29%)



Cyan (29%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1629, 0.3480, 0.3389 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 35.1629, 0.3480, 0.3389 by changing the saturation by 10% instead.


 35.1629, 0.3480,
0.3389

 35.1629, 0.3480,
0.3389


325.2868, 0.3294,
0.3340

 23.7884, 0.3530,
0.3401


 67.7380, 0.3410,
0.3371

 15.1767, 0.3596,
0.3417


 89.7075, 0.3384,
0.3364

 8.9435, 0.3687,
0.3437


115.9773, 0.3363,
0.3359

 4.7044, 0.3823,
0.3465

146.9320, 0.3345,
0.3354

 2.0749, 0.4045,
0.3503

182.9559, 0.3330,
0.3350

 0.6504, 0.5031,
0.3881

224.4334, 0.3316,


 0.0000, 0.0000,


0.3346


0.0000


271.7489, 0.3304,
0.3343

 35.1629, 0.3480,
0.3389


 35.1629, 0.3480,
0.3389


 30.1236, 0.3720,
0.3444

 40.8774, 0.3281,
0.3336


 25.7299, 0.4006,
0.3500


 47.2859, 0.3115,
0.3286


 21.9567, 0.4341,
0.3550

 54.4125, 0.2978,
0.3241

 18.7758, 0.4721,
0.3589

 62.2786, 0.2864,
0.3199

 16.1566, 0.5129,
0.3609

 70.9048, 0.2769,
0.3161

■ 14.0655, 0.5533,
0.3599

■ 80.2349, 0.2695,
0.3139

■ 12.4655, 0.5886,
0.3554

■ 88.6809, 0.2711,
0.3289

■ 11.3095, 0.6154,
0.3485

■ 11.2353, 0.6173,
0.3480

Harmonies

Analogous

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



35.1629, 0.3389, 0.3232



35.1629, 0.3480, 0.3389



35.1629, 0.3473, 0.3526

Triad

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



35.1629, 0.3480, 0.3389



35.1629, 0.3022, 0.3499



35.1629, 0.2884, 0.2985

Complementary

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



35.1629, 0.3480, 0.3389



40.2170, 0.2838, 0.3189

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.



35.1629, 0.2792, 0.3045



35.1629, 0.3480, 0.3389



35.1629, 0.2870, 0.3342

Square

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



35.1629, 0.3480, 0.3389



35.1629, 0.3205, 0.3597



35.1629, 0.2787, 0.3174



35.1629, 0.3042, 0.3004

Rectangle

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



35.1629, 0.3480, 0.3389



35.1629, 0.3414, 0.3587



35.1629, 0.2787, 0.3174



35.1629, 0.2844, 0.2997

Sweetspot

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



35.1645, 0.3480, 0.3389



77.6258, 0.3226, 0.3320



33.9013, 0.3216, 0.2911



16.9829, 0.3237, 0.3323



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.1645, 0.3480, 0.3389



59.8196, 0.3575, 0.3412



41.3529, 0.3437, 0.3625



9.2965, 0.3283, 0.3337



8.0152, 0.6156, 0.3494



0.3698, 0.5674, 0.3876

Inverse Universe

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



40.2170, 0.2838, 0.3189



70.6428, 0.2777, 0.3164



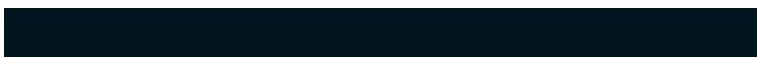
33.8579, 0.2823, 0.2931



9.8960, 0.2985, 0.3243



16.8802, 0.2067, 0.2641



0.6740, 0.2119, 0.2827

Previews

White Background



This preview shows how the Yxy color 35.1629, 0.3480, 0.3389 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 35.1629, 0.3480, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

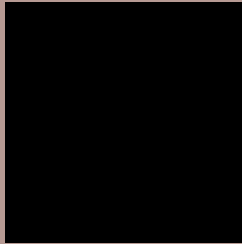
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1629, 0.3480, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 35.1629, 0.3480, 0.3389.



This preview shows how white text looks on a background with the Yxy color 35.1629, 0.3480, 0.3389.

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

35.1629, 0.3480, 0.3389

Protanopia

35.3430, 0.3266, 0.3437

Deuteranopia

35.3730, 0.3467, 0.3403



Tritanopia

35.2912, 0.3346, 0.3140

Trichromacy



Original Color

35.1629, 0.3480, 0.3389

Protanomaly

35.2816, 0.3339, 0.3420

Deuteranomaly

35.3730, 0.3467, 0.3403

Tritanomaly

35.2841, 0.3394, 0.3236

Monochromacy



Original Color

35.1629, 0.3480, 0.3389

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6656, 0.3243, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1629, 0.3480, 0.3389 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(182, 154, 147)` looks like.

```
.text, #text, p{  
    color:rgb(182, 154, 147)  
}
```

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(182, 154, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 154, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.1629, 0.3480, 0.3389 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(182, 154, 147) }
```

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

```
.border{ border-color:rgb(182, 154, 147) }
```

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

Here you see how a box with a 4 pixel rgb(182, 154, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 154, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 154, 147);  
box-shadow:4px 4px 4px 4px rgb(182, 154,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1629, 0.3480, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 154, 147) }
```

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

```
.background{ background-color: rgb(182,  
154, 147) }
```

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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