

Converting Colors

$Yxy(35.2839, 0.3470, 0.3771)$

Have a look what the booklet for
Yxy(35.2839, 0.3470, 0.3771)
contains.

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Color

Yxy(35.1817, 0.3470, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	A6A181
RGB	166, 161, 129
RGB Percent	65%, 63%, 51%
CMY	0.3490, 0.3686, 0.4941
CMYK	0.00, 0.03, 0.22, 0.35
HSL	52°, 17%, 58%
HSV	52°, 22%, 65%
XYZ	32.4337, 35.1817, 25.8535
YIQ	158.8470, 13.2520, -8.8920

Conversions

Conversions Part 2

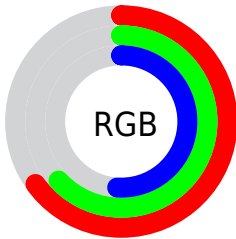
Format	Color
RYB	135, 166, 129
Decimal	10920321
CIELab	65.89, -3.57, 17.34
CIELCh	66, 17.708, 101.643
Yxy	35.1817, 0.3470, 0.3764
Android (android.graphics.Color)	4289110401 (0xFFA6A181)
YUV	158.8470, -14.7146, 6.2732
Hunter-Lab	59.3142, -6.1938, 15.6769

Details

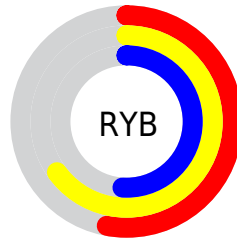
The Yxy color **35.1817, 0.3470, 0.3764** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.4735, 0.2766, 0.2767**, and the grayscale version is **34.6624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8613, 0.3401, 0.3674**, and **15.3085, 0.3573, 0.3917** is the 20% darker color. If you saturate the color by 10%, you get **34.0002, 0.3633, 0.3981**, and if you desaturate by 10%, it is **36.4521, 0.3311, 0.3547**.

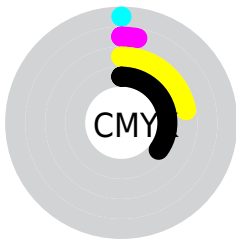
Distribution



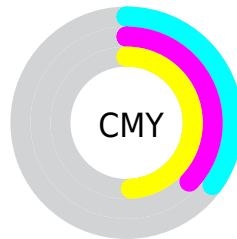
- Red (65%)
- Green (63%)
- Blue (51%)



- Red (53%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (3%)
- Yellow (22%)
- Black (35%)





- Cyan (35%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1817, 0.3470, 0.3764 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 35.1817, 0.3470, 0.3764 by changing the saturation by 10% instead.


 35.1817, 0.3470,
0.3764


 35.1817, 0.3470,
0.3764


325.3696, 0.3292,
0.3514


 23.8029, 0.3516,
0.3830


 67.7672, 0.3404,
0.3670

 15.1875, 0.3576,
0.3918

 89.7426, 0.3380,
0.3636

 8.9511, 0.3658,
0.4039


 116.0190, 0.3359,
0.3607

 4.7093, 0.3772,
0.4214

146.9808, 0.3342,
0.3583

 2.0777, 0.3962,
0.4512

183.0123, 0.3327,
0.3562

 0.6520, 0.4495,
0.5505

224.4981, 0.3314,

 0.0000, 0.0000,

0.3544

0.0000

271.8224, 0.3302,
0.3528

■ 35.1817, 0.3470,
0.3764

■ 35.1817, 0.3470,
0.3764

■ 34.0002, 0.3633,
0.3981

■ 36.4521, 0.3311,
0.3547

■ 32.8994, 0.3797,
0.4191

■ 37.8100, 0.3160,
0.3337

■ 31.8770, 0.3954,
0.4385

■ 39.2601, 0.3019,
0.3136

■ 30.9289, 0.4100,
0.4554

■ 40.8053, 0.2889,
0.2948

■ 30.0504, 0.4227,
0.4688

■ 42.4484, 0.2770,
0.2772

■ 29.2362, 0.4329,
0.4781

■ 44.1921, 0.2661,
0.2611

■ 28.4800, 0.4405,
0.4831

■ 46.0388, 0.2564,
0.2464

■ 27.9252, 0.4451,
0.4848

■ 47.5446, 0.2512,
0.2394

■ 48.4505, 0.2516,
0.2421

Harmonies

Analogous

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



35.1817, 0.3635, 0.3649



35.1817, 0.3470, 0.3764



35.1817, 0.3217, 0.3747

Triad

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



35.1817, 0.3470, 0.3764



35.1817, 0.2622, 0.3094



35.1817, 0.3296, 0.3016

Complementary

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



35.1817, 0.3470, 0.3764



24.4735, 0.2766, 0.2767

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.



35.1817, 0.3019, 0.2879



35.1817, 0.3470, 0.3764



35.1817, 0.2640, 0.2914

Square

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



35.1817, 0.3470, 0.3764



35.1817, 0.2732, 0.3344



35.1817, 0.2782, 0.2840



35.1817, 0.3534, 0.3220

Rectangle

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



35.1817, 0.3470, 0.3764



35.1817, 0.3034, 0.3655



35.1817, 0.2782, 0.2840



35.1817, 0.3204, 0.2961

Sweetspot

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



35.1833, 0.3470, 0.3764



67.4061, 0.3232, 0.3438



25.5473, 0.3504, 0.3206



15.0533, 0.3241, 0.3450



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.1833, 0.3470, 0.3764



62.7144, 0.3555, 0.3878



35.6354, 0.3327, 0.3856



8.5984, 0.3265, 0.3484



21.7041, 0.4448, 0.4850



0.5741, 0.4353, 0.4926

Inverse Universe

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



24.4735, 0.2766, 0.2767



39.6099, 0.2670, 0.2625



24.2036, 0.2893, 0.2705



7.4579, 0.2986, 0.3089



2.6346, 0.1534, 0.0724



0.1118, 0.1655, 0.1158

Previews

White Background



This preview shows how the Yxy color 35.1817, 0.3470, 0.3764 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 35.1817, 0.3470, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

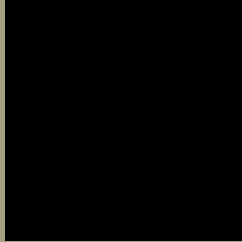
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

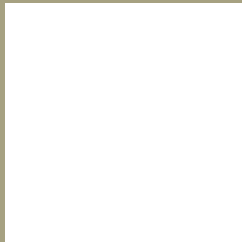
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1817, 0.3470, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 35.1817, 0.3470, 0.3764.



This preview shows how white text looks on a background with the Yxy color 35.1817, 0.3470, 0.3764.

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

35.1817, 0.3470, 0.3764

Protanopia

35.2462, 0.3524, 0.3759

Deuteranopia

35.1620, 0.3694, 0.3624



Tritanopia

35.2620, 0.3164, 0.3121

Trichromacy



Original Color

35.1817, 0.3470, 0.3764

Protanomaly

35.1351, 0.3513, 0.3760

Deuteranomaly

35.3094, 0.3609, 0.3675

Tritanomaly

35.2218, 0.3272, 0.3348

Monochromacy



Original Color

35.1817, 0.3470, 0.3764

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.9611, 0.3255, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1817, 0.3470, 0.3764 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(166, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(166, 161, 129)  
}
```

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(166, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 161, 129) }
```

Border

The CSS property to change the border of an element to Yxy 35.1817, 0.3470, 0.3764 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(166, 161, 129) }
```

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

```
.border{ border-color:rgb(166, 161, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 161, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 161, 129);  
box-shadow:4px 4px 4px 4px rgb(166, 161,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1817, 0.3470, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 161, 129) }
```

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

```
.background{ background-color: rgb(166,  
161, 129) }
```

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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