

Converting Colors

$Yxy(36.0637, 0.3582, 0.4125)$

Have a look what the booklet for
Yxy(36.0637, 0.3582, 0.4125)
contains.

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Color

Yxy(36.0796, 0.3583, 0.4124)

Conversions

Conversions Part 1

Format	Color
Hex	A2A66E
RGB	162, 166, 110
RGB Percent	64%, 65%, 43%
CMY	0.3648, 0.3490, 0.5687
CMYK	0.02, 0.00, 0.34, 0.35
HSL	64°, 24%, 54%
HSV	64°, 34%, 65%
XYZ	31.3466, 36.0796, 20.0607
YIQ	158.4200, 15.5920, -18.2640

Conversions

Conversions Part 2

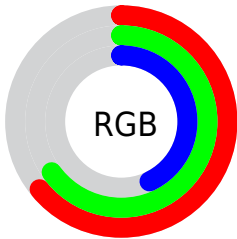
Format	Color
RYB	110, 166, 114
Decimal	10659438
CIELab	66.58, -10.50, 28.58
CIELCh	67, 30.444, 110.175
Yxy	36.0796, 0.3583, 0.4124
Android (android.graphics.Color)	4288849518 (0xFFA2A66E)
YUV	158.4200, -23.8711, 3.1397
Hunter-Lab	60.0663, -11.9629, 22.2449

Details

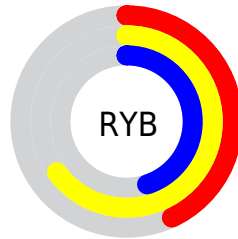
The Yxy color **36.0796, 0.3583, 0.4124** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4830, 0.2576, 0.2321**, and the grayscale version is **34.4968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2270, 0.3506, 0.3960**, and **15.6228, 0.3706, 0.4398** is the 20% darker color. If you saturate the color by 10%, you get **35.6281, 0.3710, 0.4364**, and if you desaturate by 10%, it is **36.6032, 0.3449, 0.3874**.

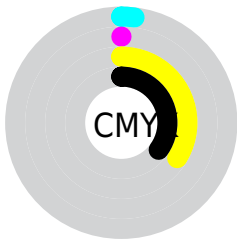
Distribution



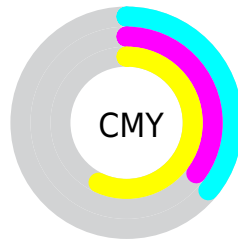
- Red (64%)
- Green (65%)
- Blue (43%)



- Red (43%)
- Yellow (65%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (35%)





- Cyan (36%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0796, 0.3583, 0.4124 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 36.0796, 0.3583, 0.4124 by changing the saturation by 10% instead.


 36.0796, 0.3583,
0.4124


 36.0796, 0.3583,
0.4124


329.3083, 0.3355,
0.3683

 24.4957, 0.3638,
0.4240


 69.1549, 0.3501,
0.3959

 15.7017, 0.3707,
0.4393


 91.4151, 0.3470,
0.3898

 9.3133, 0.3792,
0.4600


 118.0028, 0.3443,
0.3847

 4.9461, 0.3896,
0.4891

 149.3025, 0.3420,
0.3805

 2.2157, 0.4294,
0.5704

185.6984, 0.3401,
0.3768

 0.7285, 0.3745,
0.6255

227.5752, 0.3383,

 0.0000, 0.0000,

0.3736

0.0000

275.3170, 0.3368,
0.3708

■ 36.0796, 0.3583,
0.4124

■ 36.0796, 0.3583,
0.4124

■ 35.6281, 0.3710,
0.4364

■ 36.6032, 0.3449,
0.3874

■ 35.2402, 0.3823,
0.4585

■ 37.1977, 0.3312,
0.3624

■ 34.9133, 0.3918,
0.4777


■ 37.8678, 0.3177,
0.3379

■ 34.6426, 0.3991,
0.4933


■ 38.6168, 0.3046,
0.3145


■ 34.4230, 0.4039,
0.5048

■ 39.4473, 0.2922,
0.2926


 34.2478, 0.4062,
0.5119

 40.3623, 0.2806,
0.2722

 34.1514, 0.4069,
0.5151

 41.3642, 0.2699,
0.2535

 42.4557, 0.2601,
0.2365

 43.3522, 0.2537,
0.2251

Harmonies

Analogous

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



36.0796, 0.3927, 0.3955



36.0796, 0.3583, 0.4124



36.0796, 0.3132, 0.4040

Triad

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



36.0796, 0.3583, 0.4124



36.0796, 0.2280, 0.2840



36.0796, 0.3539, 0.2921

Complementary

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



36.0796, 0.3583, 0.4124



17.4830, 0.2576, 0.2321

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.



36.0796, 0.3067, 0.2666



36.0796, 0.3583, 0.4124



36.0796, 0.2367, 0.2603

Square

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



36.0796, 0.3583, 0.4124



36.0796, 0.2395, 0.3239



36.0796, 0.2644, 0.2550



36.0796, 0.3911, 0.3264

Rectangle

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



36.0796, 0.3583, 0.4124



36.0796, 0.2834, 0.3835



36.0796, 0.2644, 0.2550



36.0796, 0.3385, 0.2823

Sweetspot

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



36.0812, 0.3583, 0.4124



67.9159, 0.3264, 0.3536



21.2068, 0.3876, 0.3351



15.1624, 0.3282, 0.3569



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.



36.0812, 0.3583, 0.4124



64.8851, 0.3673, 0.4294



33.4929, 0.3305, 0.4205



8.7459, 0.3251, 0.3514



26.4869, 0.4070, 0.5150



0.6523, 0.4113, 0.5116

Inverse Universe

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



17.4830, 0.2576, 0.2321



26.2347, 0.2438, 0.2085



19.6311, 0.2880, 0.2399



7.3254, 0.2997, 0.3057



2.2038, 0.1529, 0.0616



0.0614, 0.1658, 0.0687

Previews

White Background



This preview shows how the Yxy color 36.0796, 0.3583, 0.4124 looks on a white background.

Color Contrast Check

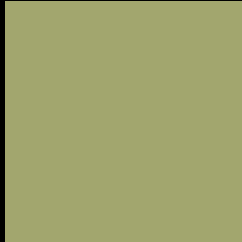
Large Text (above 18pt) WCAG AA × Fail

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 36.0796, 0.3583, 0.4124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

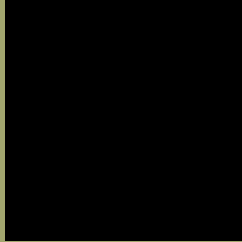
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0796, 0.3583, 0.4124

Background



This preview shows how black text looks on a background with the Yxy color 36.0796, 0.3583, 0.4124.



This preview shows how white text looks on a background with the Yxy color 36.0796, 0.3583, 0.4124.

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

36.0796, 0.3583, 0.4124

Protanopia

36.0373, 0.3754, 0.4061

Deuteranopia

35.9500, 0.3943, 0.3869



Tritanopia

35.8290, 0.3117, 0.3107

Trichromacy



Original Color

36.0796, 0.3583, 0.4124

Protanomaly

35.8446, 0.3688, 0.4075

Deuteranomaly

35.8891, 0.3815, 0.3962

Tritanomaly

35.7667, 0.3284, 0.3465

Monochromacy



Original Color

36.0796, 0.3583, 0.4124

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7838, 0.3288, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0796, 0.3583, 0.4124 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(162, 166, 110)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 110)  
}
```

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(162, 166, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 110) }
```

Border

The CSS property to change the border of an element to Yxy 36.0796, 0.3583, 0.4124 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(162, 166, 110) }
```

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

```
.border{ border-color:rgb(162, 166, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 166, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 110);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0796, 0.3583, 0.4124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 110) }
```

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

```
.background{ background-color: rgb(162,  
166, 110) }
```

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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