

Converting Colors

$Yxy(36.0813, 0.3501, 0.4031)$

Have a look what the booklet for
Yxy(36.0813, 0.3501, 0.4031)
contains.

Yxy(36.0304, 0.3502, 0.4025)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.0304, 0.3502, 0.4025)

Conversions

Conversions Part 1

Format	Color
Hex	A0A675
RGB	160, 166, 117
RGB Percent	63%, 65%, 46%
CMY	0.3725, 0.3490, 0.5411
CMYK	0.04, 0.00, 0.30, 0.35
HSL	67°, 22%, 55%
HSV	67°, 30%, 65%
XYZ	31.3487, 36.0304, 22.1374
YIQ	158.6200, 12.1530, -16.5110

Conversions

Conversions Part 2

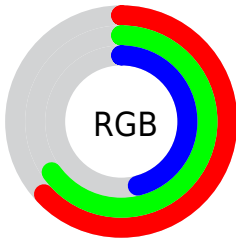
Format	Color
RYB	117, 166, 123
Decimal	10528373
CIELab	66.54, -10.33, 24.71
CIELCh	67, 26.785, 112.685
Yxy	36.0304, 0.3502, 0.4025
Android (android.graphics.Color)	4288718453 (0xFFA0A675)
YUV	158.6200, -20.5187, 1.2103
Hunter-Lab	60.0253, -11.8213, 20.1515

Details

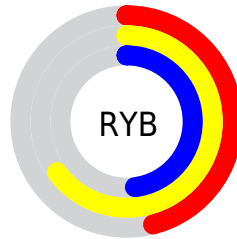
The Yxy color **36.0304, 0.3502, 0.4025** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.6905, 0.2682, 0.2466**, and the grayscale version is **34.5826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0245, 0.3435, 0.3884**, and **15.6401, 0.3611, 0.4265** is the 20% darker color. If you saturate the color by 10%, you get **35.4685, 0.3623, 0.4276**, and if you desaturate by 10%, it is **36.6682, 0.3375, 0.3770**.

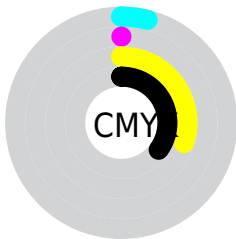
Distribution



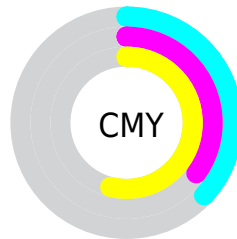
- Red (63%)
- Green (65%)
- Blue (46%)



- Red (46%)
- Yellow (65%)
- Blue (48%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (35%)




- Cyan (37%)
- Magenta (35%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0304, 0.3502, 0.4025 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 36.0304, 0.3502, 0.4025 by changing the saturation by 10% instead.


 36.0304, 0.3502,
0.4025


 36.0304, 0.3502,
0.4025


329.0934, 0.3313,
0.3635


 24.4577, 0.3548,
0.4129


 69.0790, 0.3434,
0.3878

 15.6735, 0.3606,
0.4266


 91.3236, 0.3408,
0.3825

 9.2934, 0.3680,
0.4454


 117.8944, 0.3386,
0.3780

 4.9330, 0.3774,
0.4726

149.1756, 0.3367,
0.3742

 2.2080, 0.4027,
0.5330

185.5517, 0.3351,
0.3710

 0.7244, 0.3759,
0.6241

227.4072, 0.3337,

 0.0000, 0.0000,

0.3682

0.0000

275.1262, 0.3324,
0.3657

■ 36.0304, 0.3502,
0.4025

■ 36.0304, 0.3502,
0.4025

■ 35.4685, 0.3623,
0.4276

■ 36.6682, 0.3375,
0.3770

■ 34.9739, 0.3734,
0.4514

■ 37.3804, 0.3247,
0.3520

■ 34.5443, 0.3829,
0.4729

■ 38.1719, 0.3121,
0.3278

■ 34.1752, 0.3903,
0.4911

■ 39.0456, 0.3000,
0.3051

■ 33.8616, 0.3953,
0.5054

■ 40.0043, 0.2886,
0.2839

■ 33.5975, 0.3977,
0.5153

■ 41.0508, 0.2780,
0.2644

■ 33.3706, 0.3982,
0.5217

■ 42.1877, 0.2682,
0.2467

■ 33.3596, 0.3982,
0.5220

■ 43.4173, 0.2592,
0.2305

■ 43.9848, 0.2575,
0.2261

Harmonies

Analogous

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



36.0304, 0.3815, 0.3900



36.0304, 0.3502, 0.4025



36.0304, 0.3101, 0.3926

Triad

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



36.0304, 0.3502, 0.4025



36.0304, 0.2374, 0.2873



36.0304, 0.3523, 0.2986

Complementary

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



36.0304, 0.3502, 0.4025



19.6905, 0.2682, 0.2466

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.



36.0304, 0.3111, 0.2749



36.0304, 0.3502, 0.4025



36.0304, 0.2467, 0.2672

Square

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



36.0304, 0.3502, 0.4025



36.0304, 0.2463, 0.3216



36.0304, 0.2728, 0.2634



36.0304, 0.3836, 0.3299

Rectangle

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



36.0304, 0.3502, 0.4025



36.0304, 0.2840, 0.3737



36.0304, 0.2728, 0.2634



36.0304, 0.3390, 0.2896

Sweetspot

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



36.0320, 0.3502, 0.4025



67.8913, 0.3242, 0.3511



23.4913, 0.3740, 0.3381



15.1500, 0.3260, 0.3546



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.



36.0320, 0.3502, 0.4025



64.7541, 0.3578, 0.4180



33.7730, 0.3262, 0.4085



8.7267, 0.3244, 0.3514



25.8836, 0.3984, 0.5219



0.6423, 0.4058, 0.5160

Inverse Universe

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



19.6905, 0.2682, 0.2466



30.5105, 0.2570, 0.2266



21.7037, 0.2946, 0.2525



7.3428, 0.3004, 0.3058



2.2639, 0.1553, 0.0629



0.0680, 0.1761, 0.0744

Previews

White Background



This preview shows how the Yxy color 36.0304, 0.3502, 0.4025 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 36.0304, 0.3502, 0.4025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

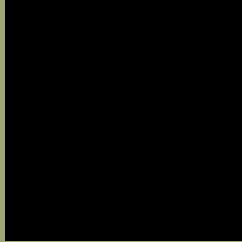
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

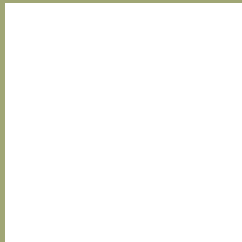
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0304, 0.3502, 0.4025

Background



This preview shows how black text looks on a background with the Yxy color 36.0304, 0.3502, 0.4025.



This preview shows how white text looks on a background with the Yxy color 36.0304, 0.3502, 0.4025.

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

36.0304, 0.3502, 0.4025

Protanopia

36.0771, 0.3679, 0.3966

Deuteranopia

35.8510, 0.3853, 0.3780



Tritanopia

35.9903, 0.3088, 0.3106

Trichromacy



Original Color

36.0304, 0.3502, 0.4025

Protanomaly

35.8904, 0.3614, 0.3977

Deuteranomaly

35.8076, 0.3727, 0.3870

Tritanomaly

36.0002, 0.3236, 0.3436

Monochromacy



Original Color

36.0304, 0.3502, 0.4025

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.2252, 0.3259, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0304, 0.3502, 0.4025 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(160, 166, 117)` looks like.

```
.text, #text, p{  
    color:rgb(160, 166, 117)  
}
```

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(160, 166, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 166, 117) }
```

Border

The CSS property to change the border of an element to Yxy 36.0304, 0.3502, 0.4025 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(160, 166, 117) }
```

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

```
.border{ border-color:rgb(160, 166, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 166, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 166, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 166, 117); box-shadow:4px 4px 4px 4px rgb(160, 166, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0304, 0.3502, 0.4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 166, 117) }
```

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

```
.background{ background-color: rgb(160,  
166, 117) }
```

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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