

Converting Colors

$Yxy(36.4022, 0.3560, 0.3981)$

Have a look what the booklet for
Yxy(36.4022, 0.3560, 0.3981)
contains.

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Color

Yxy(36.3253, 0.3558, 0.3982)

Conversions

Conversions Part 1

Format	Color
Hex	A6A576
RGB	166, 165, 118
RGB Percent	65%, 65%, 46%
CMY	0.3489, 0.3530, 0.5372
CMYK	0.00, 0.01, 0.29, 0.35
HSL	59°, 21%, 56%
HSV	59°, 29%, 65%
XYZ	32.4574, 36.3253, 22.4410
YIQ	159.9410, 15.6830, -14.4050

Conversions

Conversions Part 2

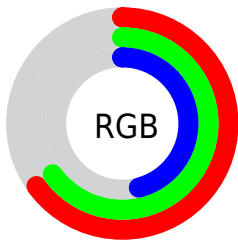
Format	Color
RYB	119, 166, 118
Decimal	10921334
CIELab	66.77, -7.27, 24.56
CIELCh	67, 25.619, 106.492
Yxy	36.3253, 0.3558, 0.3982
Android (android.graphics.Color)	4289111414 (0xFFA6A576)
YUV	159.9410, -20.6769, 5.3137
Hunter-Lab	60.2705, -9.3459, 20.1134

Details

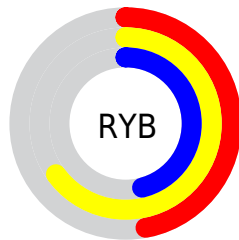
The Yxy color **36.3253, 0.3558, 0.3982** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.8125, 0.2634, 0.2489**, and the grayscale version is **35.2202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6183, 0.3484, 0.3852**, and **15.7506, 0.3679, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **35.8358, 0.3705, 0.4216**, and if you desaturate by 10%, it is **36.8880, 0.3407, 0.3741**.

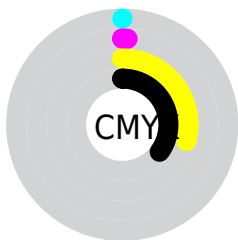
Distribution



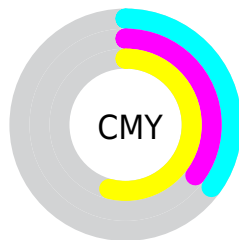
- Red (65%)
- Green (65%)
- Blue (46%)



- Red (47%)
- Yellow (65%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (35%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3253, 0.3558, 0.3982 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 36.3253, 0.3558, 0.3982 by changing the saturation by 10% instead.


 36.3253, 0.3558,
0.3982


 36.3253, 0.3558,
0.3982


330.3801, 0.3339,
0.3618


 24.6855, 0.3613,
0.4078


 69.5339, 0.3478,
0.3846

 15.8429, 0.3682,
0.4204


 91.8715, 0.3448,
0.3796

 9.4131, 0.3772,
0.4375


 118.5438, 0.3423,
0.3754

 5.0116, 0.3890,
0.4618

149.9352, 0.3401,
0.3718

 2.2541, 0.4168,
0.5139

186.4302, 0.3383,
0.3688

 0.7492, 0.4164,
0.5836

228.4131, 0.3366,

 0.0000, 0.0000,

0.3662

0.0000

276.2682, 0.3352,
0.3638

■ 36.3253, 0.3558,
0.3982

■ 36.3253, 0.3558,
0.3982

■ 35.8358, 0.3705,
0.4216

■ 36.8880, 0.3407,
0.3741

■ 35.4108, 0.3842,
0.4434

■ 37.5222, 0.3257,
0.3500

■ 35.0481, 0.3965,
0.4626

■ 38.2329, 0.3112,
0.3265

■ 34.7433, 0.4067,
0.4783


■ 39.0229, 0.2974,
0.3042

■ 34.4913, 0.4145,
0.4902


■ 39.8951, 0.2845,
0.2833


 34.2863, 0.4197,
0.4978


 40.8522, 0.2726,
0.2639

 34.1170, 0.4228,
0.5018

 41.8966, 0.2617,
0.2462

 34.0994, 0.4231,
0.5022

 43.0309, 0.2518,
0.2300

 43.4301, 0.2495,
0.2265

Harmonies

Analogous

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



36.3253, 0.3826, 0.3829



36.3253, 0.3558, 0.3982



36.3253, 0.3184, 0.3933

Triad

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



36.3253, 0.3558, 0.3982



36.3253, 0.2409, 0.2951



36.3253, 0.3428, 0.2945

Complementary

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



36.3253, 0.3558, 0.3982



19.8125, 0.2634, 0.2489

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.



36.3253, 0.3031, 0.2739



36.3253, 0.3558, 0.3982



36.3253, 0.2463, 0.2726

Square

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



36.3253, 0.3558, 0.3982



36.3253, 0.2531, 0.3299



36.3253, 0.2683, 0.2657



36.3253, 0.3754, 0.3235

Rectangle

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



36.3253, 0.3558, 0.3982



36.3253, 0.2928, 0.3779



36.3253, 0.2683, 0.2657



36.3253, 0.3297, 0.2865

Sweetspot

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



36.3269, 0.3558, 0.3982



68.0339, 0.3261, 0.3505



22.4156, 0.3728, 0.3267



15.1867, 0.3282, 0.3539



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.



36.3269, 0.3558, 0.3982



65.2823, 0.3657, 0.4141



34.4907, 0.3330, 0.4051



8.7453, 0.3263, 0.3508



26.4376, 0.4231, 0.5023



0.6517, 0.4218, 0.5033

Inverse Universe

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



19.8125, 0.2634, 0.2489



30.1575, 0.2499, 0.2269



21.3245, 0.2870, 0.2523



7.3258, 0.2986, 0.3062



2.2050, 0.1505, 0.0618



0.0616, 0.1528, 0.0699

Previews

White Background



This preview shows how the Yxy color 36.3253, 0.3558, 0.3982 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 36.3253, 0.3558, 0.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

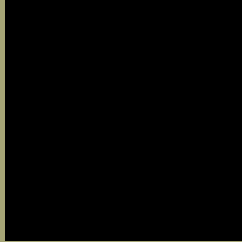
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3253, 0.3558, 0.3982

Background



This preview shows how black text looks on a background with the Yxy color 36.3253, 0.3558, 0.3982.



This preview shows how white text looks on a background with the Yxy color 36.3253, 0.3558, 0.3982.

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

36.3253, 0.3558, 0.3982

Protanopia

36.2390, 0.3671, 0.3935

Deuteranopia

36.3395, 0.3848, 0.3778



Tritanopia

36.2782, 0.3155, 0.3109

Trichromacy



Original Color

36.3253, 0.3558, 0.3982

Protanomaly

36.2494, 0.3636, 0.3956

Deuteranomaly

36.1955, 0.3749, 0.3849

Tritanomaly

36.3028, 0.3296, 0.3420

Monochromacy



Original Color

36.3253, 0.3558, 0.3982

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.5664, 0.3280, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3253, 0.3558, 0.3982 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, 165, 118)` looks like.

```
.text, #text, p{  
    color:rgb(166, 165, 118)  
}
```

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, 165, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 165, 118) }
```

Border

The CSS property to change the border of an element to Yxy 36.3253, 0.3558, 0.3982 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, 165, 118) }
```

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

```
.border{ border-color:rgb(166, 165, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 165, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 165, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 165, 118);  
box-shadow:4px 4px 4px 4px rgb(166, 165,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3253, 0.3558, 0.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 165, 118) }
```

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

```
.background{ background-color: rgb(166,  
165, 118) }
```

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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