

Converting Colors

$Yxy(35.4353, 0.3605, 0.4433)$

Have a look what the booklet for
Yxy(35.4353, 0.3605, 0.4433)
contains.

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Color

Yxy(35.3749, 0.3602, 0.4434)

Conversions

Conversions Part 1

Format	Color
Hex	97A85D
RGB	151, 168, 93
RGB Percent	59%, 66%, 36%
CMY	0.4079, 0.3411, 0.6353
CMYK	0.10, 0.00, 0.45, 0.34
HSL	74°, 30%, 51%
HSV	74°, 45%, 66%
XYZ	28.7371, 35.3749, 15.6690
YIQ	154.3670, 13.9430, -26.9290

Conversions

Conversions Part 2

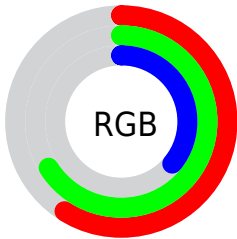
Format	Color
RYB	93, 168, 110
Decimal	9939037
CIELab	66.04, -18.03, 36.64
CIElCh	66, 40.837, 116.203
Yxy	35.3749, 0.3602, 0.4434
Android (android.graphics.Color)	4288129117 (0xFF97A85D)
YUV	154.3670, -30.2539, -2.9529
Hunter-Lab	59.4768, -17.8394, 26.0140

Details

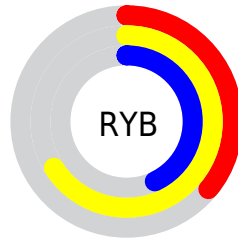
The Yxy color **35.3749, 0.3602, 0.4434** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9739, 0.2480, 0.1990**, and the grayscale version is **32.6145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9415, 0.3520, 0.4199**, and **15.3253, 0.3715, 0.4806** is the 20% darker color. If you saturate the color by 10%, you get **34.7516, 0.3686, 0.4679**, and if you desaturate by 10%, it is **36.0786, 0.3504, 0.4174**.

Distribution



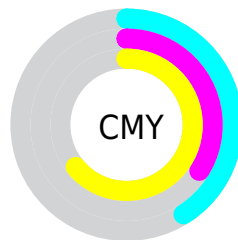
- Red (59%)
- Green (66%)
- Blue (36%)



- Red (36%)
- Yellow (66%)
- Blue (43%)



- Cyan (10%)
- Magenta (0%)
- Yellow (45%)
- Black (34%)





- Cyan (41%)
- Magenta (34%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3749, 0.3602, 0.4434 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 35.3749, 0.3602, 0.4434 by changing the saturation by 10% instead.


 35.3749, 0.3602,
0.4434


 35.3749, 0.3602,
0.4434


326.2200, 0.3375,
0.3823


 23.9518, 0.3651,
0.4596


 68.0661, 0.3524,
0.4204


 15.2979, 0.3706,
0.4807


 90.1031, 0.3493,
0.4120

 9.0287, 0.3762,
0.5090


 116.4468, 0.3467,
0.4050

 4.7599, 0.3823,
0.5509

 147.4816, 0.3443,
0.3990

 2.1071, 0.3845,
0.6155

183.5919, 0.3423,
0.3939

 0.6686, 0.2261,
0.7739

225.1622, 0.3405,

 0.0000, 0.0000,

0.3895

0.0000

272.5767, 0.3389,
0.3857

■ 35.3749, 0.3602,
0.4434

■ 35.3749, 0.3602,
0.4434

■ 34.7516, 0.3686,
0.4679

■ 36.0786, 0.3504,
0.4174

■ 34.1994, 0.3752,
0.4899

■ 36.8621, 0.3398,
0.3911

■ 33.7151, 0.3795,
0.5084

■ 37.7305, 0.3288,
0.3651

■ 33.2929, 0.3814,
0.5227

■ 38.6875, 0.3178,
0.3401

■ 32.9259, 0.3808,
0.5323

■ 39.7361, 0.3070,
0.3166

■ 32.7433, 0.3799,
0.5365

■ 40.8797, 0.2967,
0.2948

■ 42.1210, 0.2870,
0.2748

■ 43.4629, 0.2780,
0.2565

■ 44.9080, 0.2696,
0.2400

Harmonies

Analogous

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



35.3749, 0.4111, 0.4228



35.3749, 0.3602, 0.4434



35.3749, 0.2993, 0.4262

Triad

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



35.3749, 0.3602, 0.4434



35.3749, 0.2021, 0.2594



35.3749, 0.3798, 0.2881

Complementary

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



35.3749, 0.3602, 0.4434



13.9739, 0.2480, 0.1990

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.



35.3749, 0.3165, 0.2529



35.3749, 0.3602, 0.4434



35.3749, 0.2183, 0.2350

Square

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



35.3749, 0.3602, 0.4434



35.3749, 0.2110, 0.3082



35.3749, 0.2580, 0.2338



35.3749, 0.4257, 0.3332

Rectangle

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



35.3749, 0.3602, 0.4434



35.3749, 0.2615, 0.3930



35.3749, 0.2580, 0.2338



35.3749, 0.3595, 0.2749

Sweetspot

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



35.3765, 0.3602, 0.4434



68.6920, 0.3272, 0.3615



20.1077, 0.4165, 0.3545



14.8947, 0.3296, 0.3669



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.



35.3765, 0.3602, 0.4434



63.0158, 0.3689, 0.4687



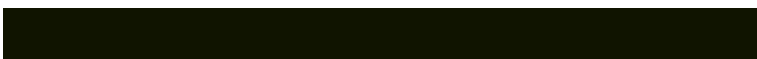
32.3942, 0.3244, 0.4579



8.6866, 0.3229, 0.3515



24.7463, 0.3803, 0.5362



0.6227, 0.3940, 0.5254

Inverse Universe

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



13.9739, 0.2480, 0.1990



18.9859, 0.2294, 0.1653



16.8371, 0.2912, 0.2134



7.3797, 0.3020, 0.3059



2.4682, 0.1635, 0.0675



0.0818, 0.1965, 0.0856

Previews

White Background



This preview shows how the Yxy color 35.3749, 0.3602, 0.4434 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 35.3749, 0.3602, 0.4434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

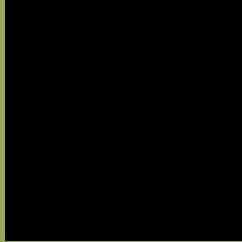
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3749, 0.3602, 0.4434

Background



This preview shows how black text looks on a background with the Yxy color 35.3749, 0.3602, 0.4434.



This preview shows how white text looks on a background with the Yxy color 35.3749, 0.3602, 0.4434.

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

35.3749, 0.3602, 0.4434

Protanopia

35.1099, 0.3933, 0.4272

Deuteranopia

35.1149, 0.4109, 0.4031



Tritanopia

35.3519, 0.3032, 0.3103

Trichromacy



Original Color

35.3749, 0.3602, 0.4434

Protanomaly

35.1652, 0.3811, 0.4334

Deuteranomaly

34.7632, 0.3915, 0.4163

Tritanomaly

34.9919, 0.3248, 0.3576

Monochromacy



Original Color

35.3749, 0.3602, 0.4434

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.2345, 0.3314, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3749, 0.3602, 0.4434 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(151, 168, 93)` looks like.

```
.text, #text, p{  
    color:rgb(151, 168, 93)  
}
```

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(151, 168, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 168, 93) }
```

Border

The CSS property to change the border of an element to Yxy 35.3749, 0.3602, 0.4434 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(151, 168, 93) }
```

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

```
.border{ border-color:rgb(151, 168, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 168, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 168, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 168, 93);  
box-shadow:4px 4px 4px 4px rgb(151, 168,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3749, 0.3602, 0.4434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 168, 93) }
```

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

```
.background{ background-color: rgb(151,  
168, 93) }
```

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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