

Converting Colors

$Yxy(34.6235, 0.4051, 0.4652)$

Have a look what the booklet for
Yxy(34.6235, 0.4051, 0.4652)
contains.

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Color

Yxy(34.6235, 0.4051, 0.4652)

Conversions

Conversions Part 1

Format	Color
Hex	A9A23E
RGB	169, 162, 62
RGB Percent	66%, 64%, 24%
CMY	0.3373, 0.3647, 0.7568
CMYK	0.00, 0.04, 0.63, 0.34
HSL	56°, 46%, 45%
HSV	56°, 63%, 66%
XYZ	30.1504, 34.6235, 9.6532
YIQ	152.6930, 36.2720, -29.6160

Conversions

Conversions Part 2

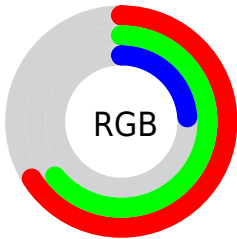
Format	Color
RYB	69, 169, 62
Decimal	11117118
CIELab	65.45, -10.10, 51.26
CIELCh	65, 52.244, 101.143
Yxy	34.6235, 0.4051, 0.4652
Android (android.graphics.Color)	4289307198 (0xFFA9A23E)
YUV	152.6930, -44.7116, 14.3012
Hunter-Lab	58.8417, -11.5099, 31.4625

Details

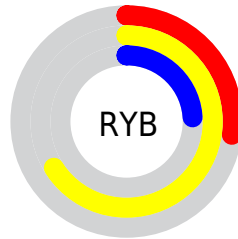
The Yxy color **34.6235, 0.4051, 0.4652** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.1445, 0.1947, 0.1406**, and the grayscale version is **31.9018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1715, 0.3905, 0.4406**, and **14.9485, 0.4234, 0.5012** is the 20% darker color. If you saturate the color by 10%, you get **34.0807, 0.4155, 0.4789**, and if you desaturate by 10%, it is **35.2306, 0.3926, 0.4478**.

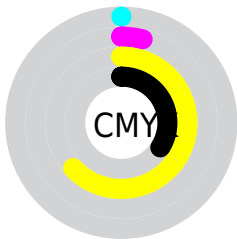
Distribution



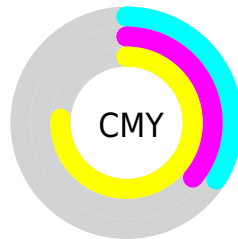
- Red (66%)
- Green (64%)
- Blue (24%)



- Red (27%)
- Yellow (66%)
- Blue (24%)



- Cyan (0%)
- Magenta (4%)
- Yellow (63%)
- Black (34%)





- Cyan (34%)
- Magenta (36%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6235, 0.4051, 0.4652 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 34.6235, 0.4051, 0.4652 by changing the saturation by 10% instead.


 34.6235, 0.4051,
0.4652


 34.6235, 0.4051,
0.4652


322.9033, 0.3609,
0.3957


 23.3730, 0.4141,
0.4815


 66.9021, 0.3902,
0.4404

 14.8692, 0.4239,
0.5011


 88.6990, 0.3842,
0.4308

 8.7276, 0.4337,
0.5248


 114.7801, 0.3790,
0.4227

 4.5639, 0.4439,
0.5561

 145.5299, 0.3744,
0.4158

 1.9938, 0.4297,
0.5703

 181.3327, 0.3704,
0.4098

 0.6038, 0.3516,
0.6484

222.5730, 0.3669,

 0.0000, 0.0000,

0.4045

0.0000

269.6350, 0.3637,
0.3998

■ 34.6235, 0.4051,
0.4652

■ 34.6235, 0.4051,
0.4652

■ 34.0807, 0.4155,
0.4789

■ 35.2306, 0.3926,
0.4478

■ 33.5918, 0.4233,
0.4885

■ 35.9021, 0.3785,
0.4276

■ 33.1518, 0.4286,
0.4938

■ 36.6438, 0.3634,
0.4055

■ 32.8743, 0.4311,
0.4959

■ 37.4598, 0.3479,
0.3824

■ 38.3536, 0.3324,
0.3592

■ 39.3288, 0.3175,
0.3363

■ 40.3884, 0.3033,
0.3145

■ 41.5356, 0.2900,
0.2939

■ 42.7731, 0.2778,
0.2747

Harmonies

Analogous

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



34.6235, 0.4578, 0.4183



34.6235, 0.4051, 0.4652



34.6235, 0.3316, 0.4753

Triad

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



34.6235, 0.4051, 0.4652



34.6235, 0.1767, 0.2656



34.6235, 0.3580, 0.2537

Complementary

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



34.6235, 0.4051, 0.4652



8.1445, 0.1947, 0.1406

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.



34.6235, 0.2769, 0.2202



34.6235, 0.4051, 0.4652



34.6235, 0.1817, 0.2217

Square

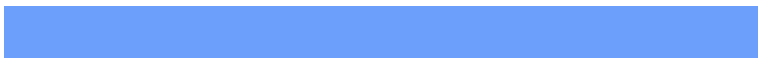
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.6235, 0.4051, 0.4652



34.6235, 0.2018, 0.3410



34.6235, 0.2154, 0.2082



34.6235, 0.4334, 0.3029

Rectangle

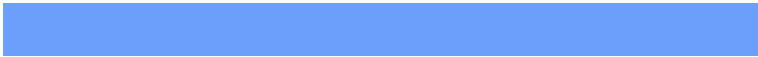
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.6235, 0.4051, 0.4652



34.6235, 0.2808, 0.4491



34.6235, 0.2154, 0.2082



34.6235, 0.3300, 0.2404

Sweetspot

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



34.6251, 0.4051, 0.4652



67.7164, 0.3417, 0.3732



12.3122, 0.4978, 0.3198



14.6655, 0.3460, 0.3796



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.



34.6251, 0.4051, 0.4652



60.6797, 0.4190, 0.4833



32.9033, 0.3523, 0.5003



8.6887, 0.3264, 0.3499



24.5353, 0.4310, 0.4960



0.6210, 0.4268, 0.4994

Inverse Universe

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



8.1445, 0.1947, 0.1406



9.4887, 0.1715, 0.1012



9.5225, 0.2391, 0.1507



7.3762, 0.2986, 0.3072



2.3444, 0.1515, 0.0653



0.0808, 0.1579, 0.0885

Previews

White Background



This preview shows how the Yxy color 34.6235, 0.4051, 0.4652 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 34.6235, 0.4051, 0.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

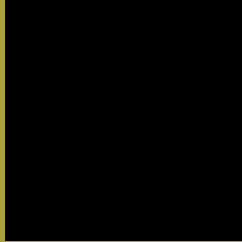
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6235, 0.4051, 0.4652

Background



This preview shows how black text looks on a background with the Yxy color 34.6235, 0.4051, 0.4652.



This preview shows how white text looks on a background with the Yxy color 34.6235, 0.4051, 0.4652.

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

34.6235, 0.4051, 0.4652

Protanopia

34.4803, 0.4168, 0.4581

Deuteranopia

34.3852, 0.4424, 0.4340



Tritanopia

34.6018, 0.3276, 0.3123

Trichromacy



Original Color

34.6235, 0.4051, 0.4652

Protanomaly

34.4772, 0.4127, 0.4610

Deuteranomaly

34.3777, 0.4290, 0.4450

Tritanomaly

34.4232, 0.3600, 0.3710

Monochromacy



Original Color

34.6235, 0.4051, 0.4652

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.5039, 0.3498, 0.3844

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6235, 0.4051, 0.4652 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(169, 162, 62)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 62)  
}
```

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(169, 162, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 62) }
```

Border

The CSS property to change the border of an element to Yxy 34.6235, 0.4051, 0.4652 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(169, 162, 62) }
```

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

```
.border{ border-color:rgb(169, 162, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 162, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 162, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 162, 62);  
box-shadow:4px 4px 4px 4px rgb(169, 162,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6235, 0.4051, 0.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 62) }
```

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

```
.background{ background-color: rgb(169,  
162, 62) }
```

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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