

Converting Colors

$Y_{xy}(34.2779, 0.3740, 0.4971)$

Have a look what the booklet for
Yxy(34.2779, 0.3740, 0.4971)
contains.

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Color

Yxy(34.3145, 0.3745, 0.4969)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8DA937 |
| RGB | 141, 169, 55 |
| RGB Percent | 55%, 66%, 22% |
| CMY | 0.4471, 0.3372, 0.7841 |
| CMYK | 0.17, 0.00, 0.67, 0.34 |
| HSL | 75°, 51%, 44% |
| HSV | 75°, 67%, 66% |
| XYZ | 25.8619, 34.3145, 8.8808 |
| YIQ | 147.6320, 19.9060, -41.3900 |

Conversions

Conversions Part 2

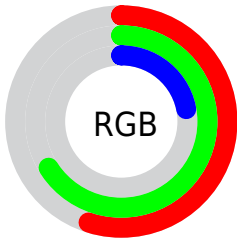
| Format | Color |
|-------------------------------------|---|
| RYB | 55, 169, 83 |
| Decimal | 9283895 |
| CIELab | 65.21, -26.05, 53.28 |
| CIELCh | 65, 59.312, 116.053 |
| Yxy | 34.3145, 0.3745, 0.4969 |
| Android (android.graphics.Color) | 4287473975 (0xFF8DA937) |
| YUV | 147.6320, -45.6676, -5.8163 |
| Hunter-Lab | 58.5786, -23.7064, 32.0164 |

Details

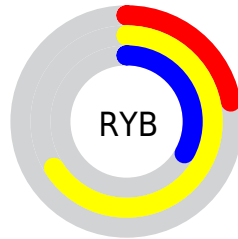
The Yxy color **34.3145, 0.3745, 0.4969** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7.4440, 0.2091, 0.1286**, and the grayscale version is **29.6428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2643, 0.3667, 0.4638**, and **14.7488, 0.3764, 0.5394** is the 20% darker color. If you saturate the color by 10%, you get **33.8232, 0.3778, 0.5147**, and if you desaturate by 10%, it is **34.8780, 0.3688, 0.4754**.

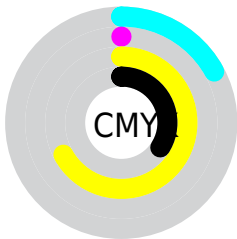
Distribution



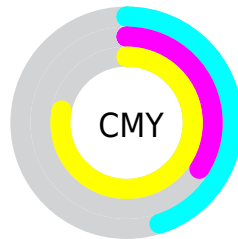
- Red (55%)
- Green (66%)
- Blue (22%)



- Red (22%)
- Yellow (66%)
- Blue (33%)



- Cyan (17%)
- Magenta (0%)
- Yellow (67%)
- Black (34%)





- Cyan (45%)
- Magenta (34%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3145, 0.3745, 0.4969 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 34.3145, 0.3745, 0.4969 by changing the saturation by 10% instead.


 34.3145, 0.3745,
0.4969


 34.3145, 0.3745,
0.4969


 321.5321, 0.3479,
0.4077


 23.1353, 0.3782,
0.5192


 66.4224, 0.3666,
0.4640


 14.6935, 0.3807,
0.5471


 88.1200, 0.3631,
0.4517


 8.6045, 0.3808,
0.5840


 114.0924, 0.3599,
0.4414

 4.4841, 0.3713,
0.6287

 144.7242, 0.3569,
0.4326

 1.9479, 0.3326,
0.6674

 180.3996, 0.3543,
0.4251

 0.5769, 0.0000,
1.0000

 221.5032, 0.3520,

 0.0000, 0.0000,

0.4185

0.0000

268.4192, 0.3499,
0.4128

■ 34.3145, 0.3745,
0.4969

■ 34.3145, 0.3745,
0.4969

■ 33.8232, 0.3778,
0.5147

■ 34.8780, 0.3688,
0.4754

■ 33.3935, 0.3787,
0.5280

■ 35.5144, 0.3612,
0.4511

■ 33.0175, 0.3772,
0.5370

■ 36.2300, 0.3521,
0.4252

■ 32.9250, 0.3767,
0.5391

■ 37.0288, 0.3420,
0.3986

■ 37.9149, 0.3313,
0.3723

■ 38.8918, 0.3206,
0.3469

■ 39.9630, 0.3100,
0.3230

■ 41.1317, 0.2999,
0.3007

■ 42.4009, 0.2902,
0.2802

Harmonies

Analogous

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



34.3145, 0.4486, 0.4558



34.3145, 0.3745, 0.4969



34.3145, 0.2890, 0.4790

Triad

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



34.3145, 0.3745, 0.4969



34.3145, 0.1606, 0.2277



34.3145, 0.4098, 0.2699

Complementary

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



34.3145, 0.3745, 0.4969



7.4440, 0.2091, 0.1286

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.



34.3145, 0.3156, 0.2238



34.3145, 0.3745, 0.4969



34.3145, 0.1816, 0.1979

Square

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



34.3145, 0.3745, 0.4969



34.3145, 0.1705, 0.2945



34.3145, 0.2337, 0.1983



34.3145, 0.4781, 0.3288

Rectangle

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



34.3145, 0.3745, 0.4969



34.3145, 0.2367, 0.4269



34.3145, 0.2337, 0.1983



34.3145, 0.3791, 0.2526

Sweetspot

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



34.3160, 0.3745, 0.4969



67.4172, 0.3345, 0.3800



14.6924, 0.4994, 0.3661



14.6004, 0.3373, 0.3870



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.



34.3160, 0.3745, 0.4969



60.1717, 0.3786, 0.5219



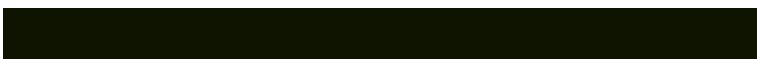
30.6060, 0.3228, 0.5294



8.6796, 0.3226, 0.3516



24.5632, 0.3772, 0.5387



0.6194, 0.3919, 0.5270

Inverse Universe

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



7.4440, 0.2091, 0.1286



8.7097, 0.1851, 0.0925



11.0581, 0.2777, 0.1606



7.3863, 0.3023, 0.3059



2.5165, 0.1654, 0.0685



0.0843, 0.1999, 0.0875

Previews

White Background



This preview shows how the Yxy color 34.3145, 0.3745, 0.4969 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 34.3145, 0.3745, 0.4969 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 34.3145, 0.3745, 0.4969

Background



This preview shows how black text looks on a background with the Yxy color 34.3145, 0.3745, 0.4969.



This preview shows how white text looks on a background with the Yxy color 34.3145, 0.3745, 0.4969.

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

34.3145, 0.3745, 0.4969

Protanopia

34.0488, 0.4231, 0.4651

Deuteranopia

34.0308, 0.4455, 0.4356



Tritanopia

34.2260, 0.2984, 0.3113

Trichromacy



Original Color

34.3145, 0.3745, 0.4969

Protanomaly

33.9902, 0.4051, 0.4769

Deuteranomaly

33.7768, 0.4199, 0.4578

Tritanomaly

33.7887, 0.3304, 0.3822

Monochromacy



Original Color

34.3145, 0.3745, 0.4969

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

31.0116, 0.3405, 0.3970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3145, 0.3745, 0.4969 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(141, 169, 55)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 55)  
}
```

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(141, 169, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 55) }
```

Border

The CSS property to change the border of an element to Yxy 34.3145, 0.3745, 0.4969 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(141, 169, 55) }
```

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

```
.border{ border-color:rgb(141, 169, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 169, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 55);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
55) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3145, 0.3745, 0.4969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 55) }
```

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

```
.background{ background-color: rgb(141,  
169, 55) }
```

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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