

Converting Colors

$Y_{xy}(26.3065, 0.3447, 0.4648)$

Have a look what the booklet for
Yxy(26.3065, 0.3447, 0.4648)
contains.

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Color

Yxy(26.3542, 0.3452, 0.4656)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 74974B |
| RGB | 116, 151, 75 |
| RGB Percent | 45%, 59%, 29% |
| CMY | 0.5451, 0.4078, 0.7060 |
| CMYK | 0.23, 0.00, 0.50, 0.41 |
| HSL | 88°, 34%, 44% |
| HSV | 88°, 50%, 59% |
| XYZ | 19.5392, 26.3542, 10.7092 |
| YIQ | 131.8710, 3.5360, -31.0560 |

Conversions

Conversions Part 2

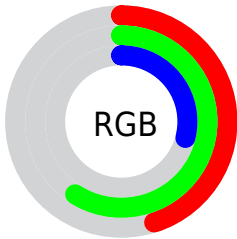
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 75, 151, 110 |
| Decimal | 7640907 |
| CIELab | 58.37, -25.47, 35.91 |
| CIElCh | 58, 44.026, 125.354 |
| Yxy | 26.3542, 0.3452, 0.4656 |
| Android (android.graphics.Color) | 4285830987 (0xFF74974B) |
| YUV | 131.8710, -28.0374, -13.9189 |
| Hunter-Lab | 51.3363, -21.8993, 23.5670 |

Details

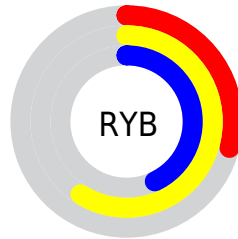
The Yxy color **26.3542, 0.3452, 0.4656** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10.5767, 0.2610, 0.1900**, and the grayscale version is **23.1278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7150, 0.3407, 0.4340**, and **10.3173, 0.3482, 0.5181** is the 20% darker color. If you saturate the color by 10%, you get **25.7139, 0.3487, 0.4929**, and if you desaturate by 10%, it is **27.0815, 0.3402, 0.4370**.

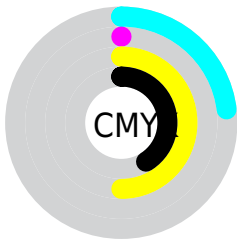
Distribution



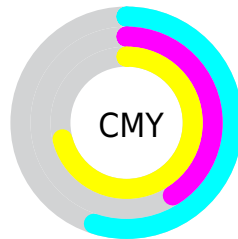
- Red (45%)
- Green (59%)
- Blue (29%)



- Red (29%)
- Yellow (59%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (50%)
- Black (41%)



- Cyan (55%)
- Magenta (41%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3542, 0.3452, 0.4656 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 26.3542, 0.3452, 0.4656 by changing the saturation by 10% instead.

 26.3542, 0.3452,
0.4656


 26.3542, 0.3452,
0.4656


284.5165, 0.3305,
0.3881


 17.0888, 0.3475,
0.4880


 53.8458, 0.3406,
0.4351


 10.2978, 0.3489,
0.5185


 72.8408, 0.3386,
0.4244

 5.5969, 0.3475,
0.5613

 95.8478, 0.3369,
0.4156

 2.6015, 0.3505,
0.6495

 123.2512, 0.3353,
0.4082

 0.9274, 0.2183,
0.7817

 155.4354, 0.3339,
0.4020

 0.0000, 0.0000,
0.0000

192.7847, 0.3326,

0.3967

235.6836, 0.3315,
0.3921

■ 26.3542, 0.3452,
0.4656

■ 26.3542, 0.3452,
0.4656

■ 25.7139, 0.3487,
0.4929

■ 27.0815, 0.3402,
0.4370

■ 25.1529, 0.3504,
0.5176

■ 27.8963, 0.3340,
0.4084

■ 24.6675, 0.3499,
0.5383

■ 28.8035, 0.3273,
0.3806

■ 24.2522, 0.3472,
0.5542

■ 29.8063, 0.3201,
0.3543

■ 23.9054, 0.3432,
0.5657

■ 30.9080, 0.3130,
0.3298

■ 32.1117, 0.3059,
0.3074

■ 33.4203, 0.2992,
0.2871

■ 34.8365, 0.2927,
0.2688

■ 36.3630, 0.2867,
0.2524

Harmonies

Analogous

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



26.3542, 0.4110, 0.4495



26.3542, 0.3452, 0.4656



26.3542, 0.2744, 0.4307

Triad

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



26.3542, 0.3452, 0.4656



26.3542, 0.1871, 0.2350



26.3542, 0.4126, 0.2955

Complementary

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



26.3542, 0.3452, 0.4656



10.5767, 0.2610, 0.1900

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.



26.3542, 0.3399, 0.2513



26.3542, 0.3452, 0.4656



26.3542, 0.2138, 0.2165

Square

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



26.3542, 0.3452, 0.4656



26.3542, 0.1880, 0.2824



26.3542, 0.2669, 0.2233



26.3542, 0.4558, 0.3488

Rectangle

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



26.3542, 0.3452, 0.4656



26.3542, 0.2340, 0.3829



26.3542, 0.2669, 0.2233



26.3542, 0.3902, 0.2794

Sweetspot

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



26.3554, 0.3452, 0.4656



52.4661, 0.3237, 0.3671



18.0648, 0.4180, 0.3869



11.8464, 0.3251, 0.3722



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3554, 0.3452, 0.4656



45.9574, 0.3490, 0.4951



24.2945, 0.3086, 0.4824



7.0815, 0.3193, 0.3514



20.3533, 0.3436, 0.5654



0.3259, 0.3758, 0.5398

Inverse Universe

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



10.5767, 0.2610, 0.1900



14.4949, 0.2463, 0.1594



13.4852, 0.3128, 0.2092



6.1586, 0.3056, 0.3065



3.0096, 0.1970, 0.0859



0.0663, 0.2456, 0.1127

Previews

White Background



This preview shows how the Yxy color 26.3542, 0.3452, 0.4656 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3542, 0.3452, 0.4656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

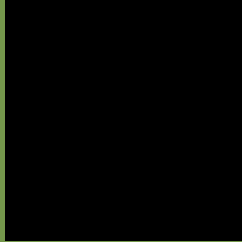
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3542, 0.3452, 0.4656

Background



This preview shows how black text looks on a background with the Yxy color 26.3542, 0.3452, 0.4656.



This preview shows how white text looks on a background with the Yxy color 26.3542, 0.3452, 0.4656.

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

26.3542, 0.3452, 0.4656

Protanopia

26.1797, 0.4008, 0.4366

Deuteranopia

25.9975, 0.4181, 0.4087



Tritanopia

26.1911, 0.2861, 0.3089

Trichromacy



Original Color

26.3542, 0.3452, 0.4656

Protanomaly

26.0771, 0.3802, 0.4480

Deuteranomaly

25.8855, 0.3896, 0.4288

Tritanomaly

25.9424, 0.3090, 0.3644

Monochromacy



Original Color

26.3542, 0.3452, 0.4656

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.0486, 0.3269, 0.3796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3542, 0.3452, 0.4656 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(116, 151, 75)` looks like.

```
.text, #text, p{  
    color:rgb(116, 151, 75)  
}
```

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(116, 151, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 151, 75) }
```

Border

The CSS property to change the border of an element to Yxy 26.3542, 0.3452, 0.4656 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(116, 151, 75) }
```

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

```
.border{ border-color:rgb(116, 151, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 151, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 151, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 151, 75);  
box-shadow:4px 4px 4px 4px rgb(116, 151,  
75) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.3542, 0.3452, 0.4656$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 151, 75) }
```

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

```
.background{ background-color: rgb(116,  
151, 75) }
```

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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