

Converting Colors

$Y_{xy}(26.1359, 0.3147, 0.4275)$

Have a look what the booklet for
Yxy(26.1359, 0.3147, 0.4275)
contains.

Yxy(26.0982, 0.3148, 0.4265)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.0982, 0.3148, 0.4265)

Conversions

Conversions Part 1

Format	Color
Hex	6A9763
RGB	106, 151, 99
RGB Percent	42%, 59%, 39%
CMY	0.5843, 0.4078, 0.6117
CMYK	0.30, 0.00, 0.34, 0.41
HSL	112°, 21%, 49%
HSV	112°, 34%, 59%
XYZ	19.2631, 26.0982, 15.8303
YIQ	131.6170, -10.1280, -25.7120

Conversions

Conversions Part 2

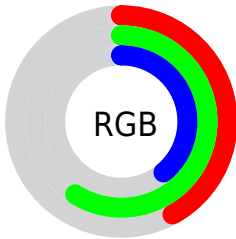
Format	Color
R_{YB}	99, 151, 144
Decimal	6985571
CIE _{Lab}	58.13, -25.83, 22.65
CIE _{LCh}	58, 34.351, 138.758
Yxy	26.0982, 0.3148, 0.4265
Android (android.graphics.Color)	4285175651 (0xFF6A9763)
YUV	131.6170, -16.0802, -22.4661
Hunter-Lab	51.0864, -22.0944, 17.3882

Details

The Yxy color $26.0982, 0.3148, 0.4265$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.0922, 0.3075, 0.2439$, and the grayscale version is $22.9919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2356, 0.3159, 0.4039$, and $10.2030, 0.3113, 0.4665$ is the 20% darker color. If you saturate the color by 10%, you get $25.0962, 0.3146, 0.4598$, and if you desaturate by 10%, it is $27.2785, 0.3145, 0.3949$.

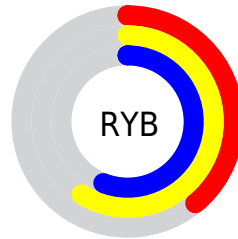
Distribution



Red (42%)

Green (59%)

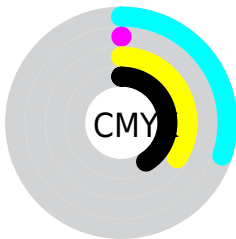
Blue (39%)



Red (39%)

Yellow (59%)

Blue (56%)

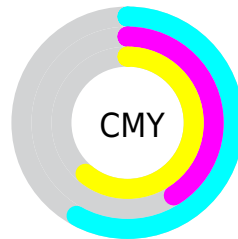


Cyan (30%)

Magenta (0%)

Yellow (34%)

Black (41%)



Cyan (58%)


Magenta (41%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0982, 0.3148, 0.4265 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 26.0982, 0.3148, 0.4265 by changing the saturation by 10% instead.


 26.0982, 0.3148,
0.4265


 26.0982, 0.3148,
0.4265


283.2638, 0.3151,
0.3707


 16.8971, 0.3139,
0.4433

 53.4333, 0.3154,
0.4042

 10.1612, 0.3122,
0.4670


 72.3362, 0.3154,
0.3965

 5.5059, 0.3082,
0.5023

 95.2417, 0.3154,
0.3902

 2.5471, 0.3011,
0.5653

 122.5343, 0.3154,
0.3849

 0.9001, 0.1999,
0.8001

154.5985, 0.3153,
0.3805

 0.0000, 0.0000,
0.0000

191.8185, 0.3153,

0.3768

234.5788, 0.3152,
0.3735

■ 26.0982, 0.3148,
0.4265

■ 26.0982, 0.3148,
0.4265

■ 25.0962, 0.3146,
0.4598

■ 27.2785, 0.3145,
0.3949

■ 24.2606, 0.3139,
0.4935

■ 28.6418, 0.3139,
0.3658

■ 23.5834, 0.3125,
0.5255


■ 30.1966, 0.3131,
0.3396

■ 23.0543, 0.3106,
0.5536

■ 31.9499, 0.3122,
0.3164


■ 22.6620, 0.3081,
0.5757

■ 33.9084, 0.3111,
0.2961


 22.3933, 0.3053,
0.5904

 36.0785, 0.3101,
0.2784

 22.2857, 0.3042,
0.5967

 38.4663, 0.3090,
0.2629

 41.0776, 0.3080,
0.2495

 43.9180, 0.3070,
0.2379

Harmonies

Analogous

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



26.0982, 0.3708, 0.4336



26.0982, 0.3148, 0.4265



26.0982, 0.2610, 0.3836

Triad

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



26.0982, 0.3148, 0.4265



26.0982, 0.2181, 0.2446



26.0982, 0.4099, 0.3224

Complementary

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



26.0982, 0.3148, 0.4265



17.0922, 0.3075, 0.2439

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.



26.0982, 0.3614, 0.2814



26.0982, 0.3148, 0.4265



26.0982, 0.2505, 0.2380

Square

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



26.0982, 0.3148, 0.4265



26.0982, 0.2087, 0.2737



26.0982, 0.3018, 0.2515



26.0982, 0.4291, 0.3676

Rectangle

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



26.0982, 0.3148, 0.4265



26.0982, 0.2335, 0.3440



26.0982, 0.3018, 0.2515



26.0982, 0.3963, 0.3079

Sweetspot

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



26.0993, 0.3148, 0.4265



52.4267, 0.3136, 0.3544



27.1871, 0.3668, 0.4010



11.8355, 0.3137, 0.3578



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.



26.0993, 0.3148, 0.4265



45.3814, 0.3147, 0.4511



26.0769, 0.2927, 0.3926



6.9634, 0.3135, 0.3518



18.9662, 0.3044, 0.5965



0.2926, 0.3227, 0.5820

Inverse Universe

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



17.0922, 0.3075, 0.2439



26.8379, 0.3059, 0.2257



17.1944, 0.3407, 0.2731



6.2816, 0.3117, 0.3069



5.9954, 0.2880, 0.1360



0.0998, 0.3037, 0.1447

Previews

White Background



This preview shows how the Yxy color 26.0982, 0.3148, 0.4265 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 26.0982, 0.3148, 0.4265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

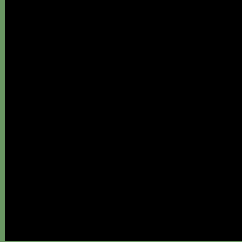
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0982, 0.3148, 0.4265

Background



This preview shows how black text looks on a background with the Yxy color 26.0982, 0.3148, 0.4265.



This preview shows how white text looks on a background with the Yxy color 26.0982, 0.3148, 0.4265.

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

26.0982, 0.3148, 0.4265

Protanopia

25.8527, 0.3742, 0.4028

Deuteranopia

25.6468, 0.3834, 0.3761



Tritanopia

26.0598, 0.2743, 0.3084

Trichromacy



Original Color

26.0982, 0.3148, 0.4265

Protanomaly

25.6403, 0.3512, 0.4107

Deuteranomaly

25.5551, 0.3558, 0.3935

Tritanomaly

26.0615, 0.2889, 0.3504

Monochromacy



Original Color

26.0982, 0.3148, 0.4265

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.0323, 0.3144, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0982, 0.3148, 0.4265 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(106, 151, 99)` looks like.

```
.text, #text, p{  
    color:rgb(106, 151, 99)  
}
```

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(106, 151, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 151, 99) }
```

Border

The CSS property to change the border of an element to Yxy 26.0982, 0.3148, 0.4265 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(106, 151, 99) }
```

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

```
.border{ border-color:rgb(106, 151, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 151, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 151, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 151, 99);  
box-shadow:4px 4px 4px 4px rgb(106, 151,  
99) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.0982, 0.3148, 0.4265$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 151, 99) }
```

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

```
.background{ background-color: rgb(106,  
151, 99) }
```

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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