

Converting Colors

$Y_{xy}(25.1685, 0.3352, 0.4519)$

Have a look what the booklet for
Yxy(25.1685, 0.3352, 0.4519)
contains.

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Color

$\text{Yxy}(25.1685, 0.3352, 0.4519)$

Conversions

Conversions Part 1

Format	Color
Hex	6F9452
RGB	111, 148, 82
RGB Percent	44%, 58%, 32%
CMY	0.5647, 0.4196, 0.6784
CMYK	0.25, 0.00, 0.45, 0.42
HSL	94°, 29%, 45%
HSV	94°, 45%, 58%
XYZ	18.6689, 25.1685, 11.8574
YIQ	129.4130, -0.8660, -28.3700

Conversions

Conversions Part 2

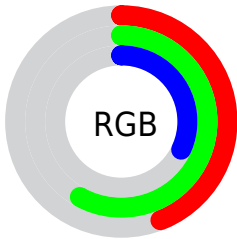
Format	Color
R_{YB}	82, 148, 119
Decimal	7312466
CIE _{Lab}	57.24, -25.04, 30.77
CIE _{LCh}	57, 39.669, 129.142
Yxy	25.1685, 0.3352, 0.4519
Android (android.graphics.Color)	4285502546 (0xFF6F9452)
YUV	129.4130, -23.3746, -16.1482
Hunter-Lab	50.1682, -21.3698, 21.1044

Details

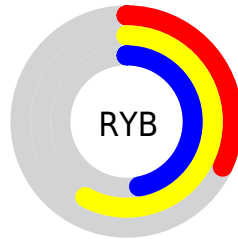
The Yxy color **25.1685, 0.3352, 0.4519** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **12.0958, 0.2774, 0.2101**, and the grayscale version is **22.1903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8270, 0.3318, 0.4229**, and **9.6628, 0.3373, 0.5012** is the 20% darker color. If you saturate the color by 10%, you get **24.4545, 0.3381, 0.4816**, and if you desaturate by 10%, it is **25.9833, 0.3311, 0.4220**.

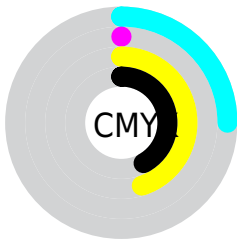
Distribution



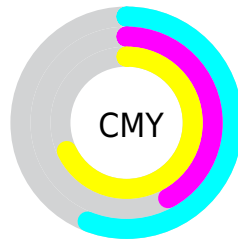
- Red (44%)
- Green (58%)
- Blue (32%)



- Red (32%)
- Yellow (58%)
- Blue (47%)



- Cyan (25%)
- Magenta (0%)
- Yellow (45%)
- Black (42%)





- Cyan (56%)
- Magenta (42%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1685, 0.3352, 0.4519 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 25.1685, 0.3352, 0.4519 by changing the saturation by 10% instead.


 25.1685, 0.3352,
0.4519


 25.1685, 0.3352,
0.4519


278.6760, 0.3252,
0.3814


 16.2026, 0.3366,
0.4729


 51.9304, 0.3321,
0.4238

 9.6677, 0.3374,
0.5020


 70.4953, 0.3308,
0.4141

 5.1792, 0.3356,
0.5443

 93.0287, 0.3296,
0.4061

 2.3528, 0.3482,
0.6518

 119.9148, 0.3285,
0.3995

 0.8014, 0.1580,
0.8420

 151.5383, 0.3275,
0.3939

 0.0000, 0.0000,
0.0000

188.2834, 0.3266,

0.3891

230.5345, 0.3259,
0.3850

■ 25.1685, 0.3352,
0.4519

■ 25.1685, 0.3352,
0.4519

■ 24.4545, 0.3381,
0.4816

■ 25.9833, 0.3311,
0.4220

■ 23.8336, 0.3395,
0.5096

■ 26.8997, 0.3262,
0.3929

■ 23.3017, 0.3390,
0.5344


■ 27.9229, 0.3209,
0.3654

■ 22.8535, 0.3366,
0.5546


■ 29.0564, 0.3153,
0.3399


■ 22.4823, 0.3324,
0.5694


■ 30.3038, 0.3097,
0.3167

 22.3054, 0.3299,
0.5762

 31.6684, 0.3043,
0.2958

 33.1533, 0.2990,
0.2770

 34.7617, 0.2941,
0.2602

 36.4963, 0.2894,
0.2453

Harmonies

Analogous

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



25.1685, 0.3973, 0.4440



25.1685, 0.3352, 0.4519



25.1685, 0.2704, 0.4139

Triad

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



25.1685, 0.3352, 0.4519



25.1685, 0.1980, 0.2389



25.1685, 0.4111, 0.3045

Complementary

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



25.1685, 0.3352, 0.4519



12.0958, 0.2774, 0.2101

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.



25.1685, 0.3469, 0.2616



25.1685, 0.3352, 0.4519



25.1685, 0.2263, 0.2244

Square

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



25.1685, 0.3352, 0.4519



25.1685, 0.1956, 0.2799



25.1685, 0.2786, 0.2331



25.1685, 0.4459, 0.3549

Rectangle

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



25.1685, 0.3352, 0.4519



25.1685, 0.2345, 0.3692



25.1685, 0.2786, 0.2331



25.1685, 0.3918, 0.2890

Sweetspot

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



25.1696, 0.3352, 0.4519



49.5219, 0.3201, 0.3619



19.9339, 0.3975, 0.3913



11.2158, 0.3213, 0.3673



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.1696, 0.3352, 0.4519



43.0903, 0.3382, 0.4830



23.6354, 0.3038, 0.4567



6.5856, 0.3179, 0.3514



19.0674, 0.3304, 0.5759



0.2503, 0.3653, 0.5482

Inverse Universe

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



12.0958, 0.2774, 0.2101



16.8472, 0.2662, 0.1812



14.3667, 0.3222, 0.2278



5.7836, 0.3072, 0.3067



3.4122, 0.2169, 0.0968



0.0593, 0.2632, 0.1223

Previews

White Background



This preview shows how the Yxy color 25.1685, 0.3352, 0.4519 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 25.1685, 0.3352, 0.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

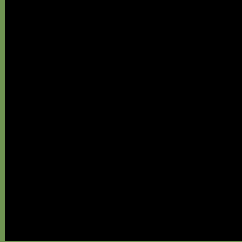
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1685, 0.3352, 0.4519

Background



This preview shows how black text looks on a background with the Yxy color 25.1685, 0.3352, 0.4519.



This preview shows how white text looks on a background with the Yxy color 25.1685, 0.3352, 0.4519.

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

25.1685, 0.3352, 0.4519

Protanopia

24.9254, 0.3905, 0.4251

Deuteranopia

24.9038, 0.4050, 0.3985



Tritanopia

25.0555, 0.2827, 0.3100

Trichromacy



Original Color

25.1685, 0.3352, 0.4519

Protanomaly

24.8485, 0.3699, 0.4358

Deuteranomaly

24.5669, 0.3774, 0.4164

Tritanomaly

24.9332, 0.3019, 0.3598

Monochromacy



Original Color

25.1685, 0.3352, 0.4519

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.9157, 0.3218, 0.3733

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1685, 0.3352, 0.4519 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(111, 148, 82)` looks like.

```
.text, #text, p{  
    color:rgb(111, 148, 82)  
}
```

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(111, 148, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 148, 82) }
```

Border

The CSS property to change the border of an element to Yxy 25.1685, 0.3352, 0.4519 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(111, 148, 82) }
```

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

```
.border{ border-color:rgb(111, 148, 82) }
```

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

Here you see how a box with a 4 pixel rgb(111, 148, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 148, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 148, 82);  
box-shadow:4px 4px 4px 4px rgb(111, 148,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1685, 0.3352, 0.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 148, 82) }
```

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

```
.background{ background-color: rgb(111,  
148, 82) }
```

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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