

Converting Colors

$Y_{xy}(25.5207, 0.3451, 0.4715)$

Have a look what the booklet for
Yxy(25.5207, 0.3451, 0.4715)
contains.

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Color

Yxy(25.3946, 0.3448, 0.4716)

Conversions

Conversions Part 1

Format	Color
Hex	709547
RGB	112, 149, 71
RGB Percent	44%, 58%, 28%
CMY	0.5608, 0.4157, 0.7215
CMYK	0.25, 0.00, 0.52, 0.42
HSL	88°, 35%, 43%
HSV	88°, 52%, 58%
XYZ	18.5667, 25.3946, 9.8864
YIQ	129.0450, 2.9860, -32.1020

Conversions

Conversions Part 2

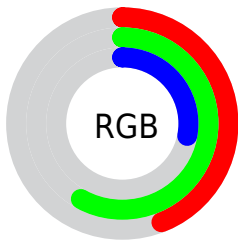
Format	Color
R_{YB}	71, 149, 108
Decimal	7378247
CIE _{Lab}	57.46, -26.51, 36.76
CIE _{LCh}	57, 45.324, 125.803
Yxy	25.3946, 0.3448, 0.4716
Android (android.graphics.Color)	4285568327 (0xFF709547)
YUV	129.0450, -28.6162, -14.9485
Hunter-Lab	50.3931, -22.4217, 23.6432

Details

The Yxy color **25.3946, 0.3448, 0.4716** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.8681, 0.2599, 0.1850**, and the grayscale version is **22.0716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0917, 0.3405, 0.4398**, and **9.7854, 0.3474, 0.5281** is the 20% darker color. If you saturate the color by 10%, you get **24.7815, 0.3478, 0.4987**, and if you desaturate by 10%, it is **26.0933, 0.3403, 0.4430**.

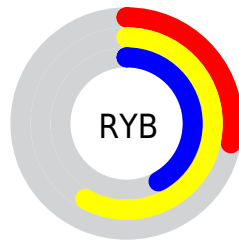
Distribution



Red (44%)

Green (58%)

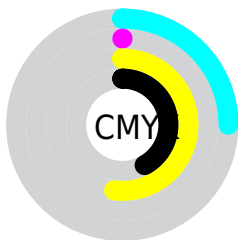
Blue (28%)



Red (28%)

Yellow (58%)

Blue (42%)

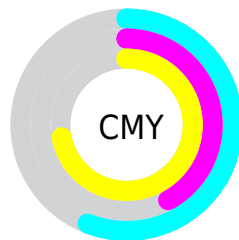


Cyan (25%)

Magenta (0%)

Yellow (52%)

Black (42%)



Cyan (56%)


Magenta (42%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3946, 0.3448, 0.4716 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 25.3946, 0.3448, 0.4716 by changing the saturation by 10% instead.


 25.3946, 0.3448,
0.4716


 25.3946, 0.3448,
0.4716


279.7974, 0.3305,
0.3902


 16.3713, 0.3467,
0.4953


 52.2967, 0.3405,
0.4394

 9.7873, 0.3475,
0.5276


 70.9442, 0.3386,
0.4281

 5.2581, 0.3452,
0.5741

 93.5686, 0.3368,
0.4189

 2.3995, 0.3407,
0.6593

 120.5543, 0.3353,
0.4112

 0.8256, 0.1427,
0.8573

 152.2856, 0.3339,
0.4047

 0.0000, 0.0000,
0.0000

189.1470, 0.3326,

0.3992

231.5228, 0.3315,
0.3943

■ 25.3946, 0.3448,
0.4716

■ 25.3946, 0.3448,
0.4716

■ 24.7815, 0.3478,
0.4987

■ 26.0933, 0.3403,
0.4430

■ 24.2463, 0.3488,
0.5229

■ 26.8782, 0.3346,
0.4142

■ 23.7853, 0.3477,
0.5430

■ 27.7540, 0.3281,
0.3860

■ 23.3928, 0.3445,
0.5581

■ 28.7242, 0.3213,
0.3594

■ 23.1284, 0.3413,
0.5672

■ 29.7919, 0.3143,
0.3345

■ 30.9602, 0.3075,
0.3117

■ 32.2320, 0.3009,
0.2911

■ 33.6101, 0.2945,
0.2725

■ 35.0971, 0.2886,
0.2558

Harmonies

Analogous

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



25.3946, 0.4134, 0.4544



25.3946, 0.3448, 0.4716



25.3946, 0.2714, 0.4346

Triad

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



25.3946, 0.3448, 0.4716



25.3946, 0.1829, 0.2307



25.3946, 0.4178, 0.2948

Complementary

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



25.3946, 0.3448, 0.4716



9.8681, 0.2599, 0.1850

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.



25.3946, 0.3421, 0.2491



25.3946, 0.3448, 0.4716



25.3946, 0.2108, 0.2124

Square

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



25.3946, 0.3448, 0.4716



25.3946, 0.1832, 0.2792



25.3946, 0.2660, 0.2199



25.3946, 0.4621, 0.3497

Rectangle

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



25.3946, 0.3448, 0.4716



25.3946, 0.2299, 0.3840



25.3946, 0.2660, 0.2199



25.3946, 0.3945, 0.2782

Sweetspot

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



25.3957, 0.3448, 0.4716



50.7254, 0.3240, 0.3698



17.4461, 0.4221, 0.3910



11.1707, 0.3253, 0.3747



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.



25.3957, 0.3448, 0.4716



44.1813, 0.3481, 0.5037



23.3919, 0.3073, 0.4896



6.6094, 0.3191, 0.3513



19.4824, 0.3417, 0.5669



0.2560, 0.3752, 0.5403

Inverse Universe

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



9.8681, 0.2599, 0.1850



13.2007, 0.2441, 0.1522



12.8265, 0.3146, 0.2059



5.7598, 0.3059, 0.3066



2.9619, 0.1998, 0.0874



0.0536, 0.2493, 0.1147

Previews

White Background



This preview shows how the Yxy color 25.3946, 0.3448, 0.4716 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 25.3946, 0.3448, 0.4716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

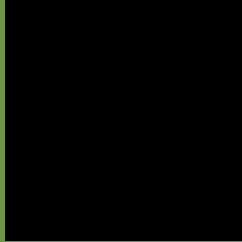
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3946, 0.3448, 0.4716

Background



This preview shows how black text looks on a background with the Yxy color 25.3946, 0.3448, 0.4716.



This preview shows how white text looks on a background with the Yxy color 25.3946, 0.3448, 0.4716.

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

25.3946, 0.3448, 0.4716

Protanopia

25.2576, 0.4024, 0.4410

Deuteranopia

25.0792, 0.4193, 0.4113



Tritanopia

25.2015, 0.2847, 0.3101

Trichromacy



Original Color

25.3946, 0.3448, 0.4716

Protanomaly

25.0817, 0.3802, 0.4534

Deuteranomaly

24.9673, 0.3912, 0.4334

Tritanomaly

24.9720, 0.3078, 0.3670

Monochromacy



Original Color

25.3946, 0.3448, 0.4716

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.9020, 0.3272, 0.3807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3946, 0.3448, 0.4716 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(112, 149, 71)` looks like.

```
.text, #text, p{  
    color:rgb(112, 149, 71)  
}
```

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(112, 149, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 149, 71) }
```

Border

The CSS property to change the border of an element to Yxy 25.3946, 0.3448, 0.4716 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(112, 149, 71) }
```

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

```
.border{ border-color:rgb(112, 149, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 149, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 149, 71); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 149, 71); box-shadow:4px 4px 4px 4px rgb(112, 149, 71) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3946, 0.3448, 0.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 149, 71) }
```

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

```
.background{ background-color: rgb(112,  
149, 71) }
```

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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