

Converting Colors

$Y_{xy}(28.5372, 0.2892, 0.4048)$

Have a look what the booklet for
Yxy(28.5372, 0.2892, 0.4048)
contains.

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Color

Yxy(28.5372, 0.2892, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	5F9F76
RGB	95, 159, 118
RGB Percent	37%, 62%, 46%
CMY	0.6274, 0.3765, 0.5373
CMYK	0.40, 0.00, 0.26, 0.38
HSL	142°, 25%, 50%
HSV	142°, 40%, 62%
XYZ	20.3877, 28.5372, 21.5721
YIQ	135.1900, -24.9830, -26.3190

Conversions

Conversions Part 2

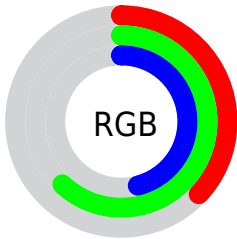
Format	Color
R_{YB}	95, 142, 159
Decimal	6266742
CIE _{Lab}	60.37, -29.88, 15.08
CIE _{LCh}	60, 33.471, 153.220
Yxy	28.5372, 0.2892, 0.4048
Android (android.graphics.Color)	4284456822 (0xFF5F9F76)
YUV	135.1900, -8.4747, -35.2466
Hunter-Lab	53.4202, -25.3611, 13.4517

Details

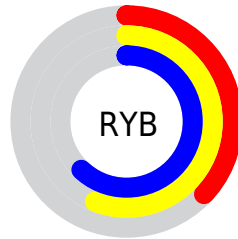
The Yxy color **28.5372, 0.2892, 0.4048** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.3348, 0.3481, 0.2642**, and the grayscale version is **24.3427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2913, 0.2948, 0.3881**, and **11.4587, 0.2792, 0.4366** is the 20% darker color. If you saturate the color by 10%, you get **27.5427, 0.2848, 0.4280**, and if you desaturate by 10%, it is **29.7341, 0.2944, 0.3831**.

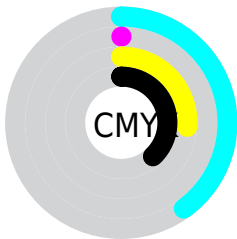
Distribution



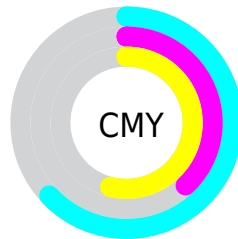
- Red (37%)
- Green (62%)
- Blue (46%)



- Red (37%)
- Yellow (56%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)




- Cyan (63%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5372, 0.2892, 0.4048 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 28.5372, 0.2892, 0.4048 by changing the saturation by 10% instead.


 28.5372, 0.2892,
0.4048


 28.5372, 0.2892,
0.4048


295.0250, 0.3028,
0.3620

 18.7310, 0.2850,
0.4175


 57.3410, 0.2947,
0.3879


 11.4761, 0.2790,
0.4352


 77.1073, 0.2966,
0.3819

 6.3880, 0.2699,
0.4616


 100.9625, 0.2981,
0.3771

 3.0824, 0.2544,
0.5048

 129.2910, 0.2994,
0.3731

 1.1749, 0.2088,
0.6782

162.4771, 0.3004,
0.3697

 0.0411, 0.0000,
1.0000

200.9052, 0.3014,

 0.0000, 0.0000,

0.3667

0.0000

244.9597, 0.3021,
0.3642

■ 28.5372, 0.2892,
0.4048

■ 28.5372, 0.2892,
0.4048

■ 27.5427, 0.2848,
0.4280

■ 29.7341, 0.2944,
0.3831

■ 26.7354, 0.2816,
0.4522

■ 31.1402, 0.3002,
0.3633

■ 26.1040, 0.2798,
0.4766


■ 32.7667, 0.3064,
0.3454

■ 25.6341, 0.2797,
0.5005


■ 34.6226, 0.3126,
0.3294

■ 25.3090, 0.2813,
0.5228


■ 36.7165, 0.3187,
0.3152

 25.0938, 0.2840,
0.5423

 39.0567, 0.3247,
0.3028

 41.6510, 0.3305,
0.2919

 44.5066, 0.3360,
0.2824

 47.6309, 0.3412,
0.2741

Harmonies

Analogous

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



28.5372, 0.3432, 0.4289



28.5372, 0.2892, 0.4048



28.5372, 0.2440, 0.3539

Triad

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



28.5372, 0.2892, 0.4048



28.5372, 0.2351, 0.2431



28.5372, 0.4175, 0.3438

Complementary

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



28.5372, 0.2892, 0.4048



17.3348, 0.3481, 0.2642

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.



28.5372, 0.3834, 0.3018



28.5372, 0.2892, 0.4048



28.5372, 0.2755, 0.2463

Square

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



28.5372, 0.2892, 0.4048



28.5372, 0.2152, 0.2606



28.5372, 0.3297, 0.2673



28.5372, 0.4197, 0.3861

Rectangle

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



28.5372, 0.2892, 0.4048



28.5372, 0.2242, 0.3166



28.5372, 0.3297, 0.2673



28.5372, 0.4093, 0.3294

Sweetspot

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



28.5384, 0.2892, 0.4048



58.0713, 0.3051, 0.3488



30.9085, 0.3475, 0.4346



13.0104, 0.3044, 0.3509



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.5384, 0.2892, 0.4048



49.5428, 0.2853, 0.4248



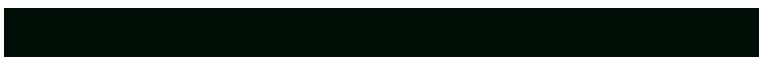
29.4133, 0.2653, 0.3457



7.4385, 0.3070, 0.3437



19.8266, 0.2835, 0.5407



0.3622, 0.2616, 0.4618

Inverse Universe

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



17.3348, 0.3481, 0.2642



26.7386, 0.3587, 0.2508



16.5687, 0.3959, 0.3135



6.7141, 0.3189, 0.3148



6.5858, 0.4347, 0.2168



0.1256, 0.3796, 0.1865

Previews

White Background



This preview shows how the Yxy color 28.5372, 0.2892, 0.4048 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 28.5372, 0.2892, 0.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

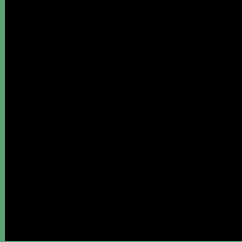
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5372, 0.2892, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 28.5372, 0.2892, 0.4048.



This preview shows how white text looks on a background with the Yxy color 28.5372, 0.2892, 0.4048.

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

28.5372, 0.2892, 0.4048

Protanopia

28.3671, 0.3583, 0.3834

Deuteranopia

28.0859, 0.3627, 0.3551



Tritanopia

28.5632, 0.2607, 0.3087

Trichromacy



Original Color

28.5372, 0.2892, 0.4048

Protanomaly

28.0141, 0.3293, 0.3906

Deuteranomaly

27.6010, 0.3321, 0.3708

Tritanomaly

28.4056, 0.2708, 0.3412

Monochromacy



Original Color

28.5372, 0.2892, 0.4048

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.5246, 0.3021, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5372, 0.2892, 0.4048 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(95, 159, 118)` looks like.

```
.text, #text, p{  
  color:rgb(95, 159, 118)  
}
```

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(95, 159, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 159, 118) }
```

Border

The CSS property to change the border of an element to Yxy 28.5372, 0.2892, 0.4048 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(95, 159, 118) }
```

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

```
.border{ border-color:rgb(95, 159, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 159, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 159, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 159, 118);  
box-shadow:4px 4px 4px 4px rgb(95, 159,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5372, 0.2892, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 159, 118) }
```

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

```
.background{ background-color: rgb(95, 159,  
118) }
```

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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