

Converting Colors

$Yxy(27.5068, 0.3045, 0.4482)$

Have a look what the booklet for
Yxy(27.5068, 0.3045, 0.4482)
contains.

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Color

Yxy(27.5553, 0.3046, 0.4486)

Conversions

Conversions Part 1

Format	Color
Hex	5C9E5F
RGB	92, 158, 95
RGB Percent	36%, 62%, 37%
CMY	0.6390, 0.3804, 0.6274
CMYK	0.42, 0.00, 0.40, 0.38
HSL	123°, 26%, 49%
HSV	123°, 42%, 62%
XYZ	18.7101, 27.5553, 15.1597
YIQ	131.0840, -19.1130, -33.5850

Conversions

Conversions Part 2

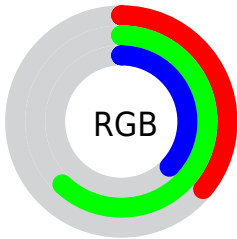
Format	Color
R_{YB}	92, 155, 158
Decimal	6069855
CIE _{Lab}	59.48, -34.51, 26.49
CIE _{LCh}	59, 43.500, 142.490
Yxy	27.5553, 0.3046, 0.4486
Android (android.graphics.Color)	4284259935 (0xFF5C9E5F)
YUV	131.0840, -17.7894, -34.2767
Hunter-Lab	52.4931, -28.2404, 19.6226

Details

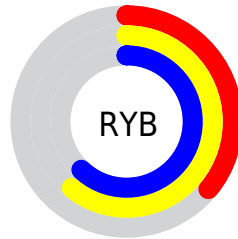
The Yxy color **27.5553, 0.3046, 0.4486** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.3002, 0.3212, 0.2330**, and the grayscale version is **22.8033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6836, 0.3077, 0.4214**, and **10.9446, 0.2969, 0.4996** is the 20% darker color. If you saturate the color by 10%, you get **26.5769, 0.3027, 0.4826**, and if you desaturate by 10%, it is **28.7589, 0.3066, 0.4157**.

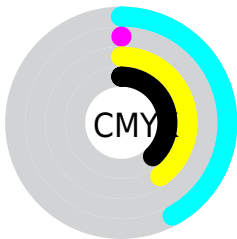
Distribution



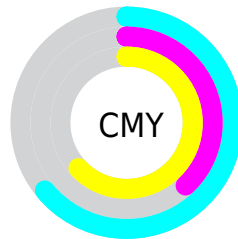
- Red (36%)
- Green (62%)
- Blue (37%)



- Red (36%)
- Yellow (61%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)





- Cyan (64%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5553, 0.3046, 0.4486 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 27.5553, 0.3046, 0.4486 by changing the saturation by 10% instead.


 27.5553, 0.3046,
0.4486


 27.5553, 0.3046,
0.4486


290.3358, 0.3112,
0.3799


 17.9907, 0.3016,
0.4693

 55.7737, 0.3078,
0.4212

 10.9433, 0.2967,
0.4982


 75.1962, 0.3088,
0.4117

 6.0287, 0.2877,
0.5411

 98.6736, 0.3095,
0.4039

 2.8626, 0.2733,
0.6192

 126.5901, 0.3100,
0.3975

 1.0604, 0.1280,
0.8720

159.3302, 0.3104,
0.3921

 0.0000, 0.0000,
0.0000

197.2782, 0.3107,

0.3874

240.8187, 0.3110,
0.3834

■ 27.5553, 0.3046,
0.4486

■ 27.5553, 0.3046,
0.4486

■ 26.5769, 0.3027,
0.4826

■ 28.7589, 0.3066,
0.4157

■ 25.8065, 0.3011,
0.5158

■ 30.1968, 0.3086,
0.3851

■ 25.2301, 0.2999,
0.5459


■ 31.8818, 0.3106,
0.3574


■ 24.8304, 0.2993,
0.5705

■ 33.8247, 0.3124,
0.3329


■ 24.5870, 0.2992,
0.5878


■ 36.0357, 0.3141,
0.3115

 24.4676, 0.2991,
0.5966

 38.5245, 0.3156,
0.2930

 41.3002, 0.3170,
0.2770

 44.3716, 0.3182,
0.2633

 47.7470, 0.3193,
0.2514

Harmonies

Analogous

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



27.5553, 0.3739, 0.4605



27.5553, 0.3046, 0.4486



27.5553, 0.2411, 0.3887

Triad

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



27.5553, 0.3046, 0.4486



27.5553, 0.2016, 0.2237



27.5553, 0.4390, 0.3257

Complementary

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



27.5553, 0.3046, 0.4486



17.3002, 0.3212, 0.2330

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.



27.5553, 0.3816, 0.2764



27.5553, 0.3046, 0.4486



27.5553, 0.2429, 0.2200

Square

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



27.5553, 0.3046, 0.4486



27.5553, 0.1869, 0.2537



27.5553, 0.3074, 0.2390



27.5553, 0.4563, 0.3796

Rectangle

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



27.5553, 0.3046, 0.4486



27.5553, 0.2105, 0.3370



27.5553, 0.3074, 0.2390



27.5553, 0.4235, 0.3084

Sweetspot

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



27.5565, 0.3046, 0.4486



57.4072, 0.3103, 0.3614



32.2734, 0.3711, 0.4303



12.7918, 0.3099, 0.3671



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.



27.5565, 0.3046, 0.4486



48.3883, 0.3029, 0.4800



28.2683, 0.2796, 0.3857



7.4056, 0.3110, 0.3510



19.5989, 0.2989, 0.5962



0.3517, 0.2938, 0.5778

Inverse Universe

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



17.3002, 0.3212, 0.2330



27.2168, 0.3232, 0.2138



16.3579, 0.3671, 0.2793



6.7495, 0.3144, 0.3079



7.6110, 0.3322, 0.1604



0.1375, 0.3273, 0.1577

Previews

White Background



This preview shows how the Yxy color 27.5553, 0.3046, 0.4486 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 27.5553, 0.3046, 0.4486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

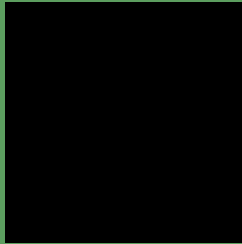
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5553, 0.3046, 0.4486

Background



This preview shows how black text looks on a background with the Yxy color 27.5553, 0.3046, 0.4486.



This preview shows how white text looks on a background with the Yxy color 27.5553, 0.3046, 0.4486.

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

27.5553, 0.3046, 0.4486

Protanopia

27.3348, 0.3817, 0.4149

Deuteranopia

27.0745, 0.3922, 0.3836



Tritanopia

27.4855, 0.2623, 0.3084

Trichromacy



Original Color

27.5553, 0.3046, 0.4486

Protanomaly

26.8407, 0.3505, 0.4277

Deuteranomaly

26.5791, 0.3570, 0.4066

Tritanomaly

27.3841, 0.2774, 0.3559

Monochromacy



Original Color

27.5553, 0.3046, 0.4486

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

24.1397, 0.3097, 0.3713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5553, 0.3046, 0.4486 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(92, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(92, 158, 95)  
}
```

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(92, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 158, 95) }
```

Border

The CSS property to change the border of an element to Yxy 27.5553, 0.3046, 0.4486 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(92, 158, 95) }
```

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

```
.border{ border-color:rgb(92, 158, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 158, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(92, 158,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5553, 0.3046, 0.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 158, 95) }
```

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

```
.background{ background-color: rgb(92, 158,  
95) }
```

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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