

Converting Colors

$Yxy(30.5373, 0.3069, 0.4597)$

Have a look what the booklet for
Yxy(30.5373, 0.3069, 0.4597)
contains.

Yxy(30.5135, 0.3074, 0.4603)	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(30.5135, 0.3074, 0.4603)

Conversions

Conversions Part 1

Format	Color
Hex	5FA65E
RGB	95, 166, 94
RGB Percent	37%, 65%, 37%
CMY	0.6273, 0.3490, 0.6315
CMYK	0.43, 0.00, 0.43, 0.35
HSL	119°, 29%, 51%
HSV	119°, 43%, 65%
XYZ	20.3777, 30.5135, 15.3993
YIQ	136.5630, -19.2040, -37.4440

Conversions

Conversions Part 2

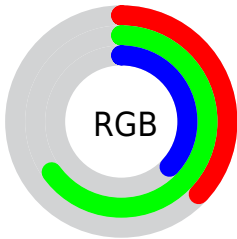
Format	Color
RYB	94, 166, 165
Decimal	6268510
CIELab	62.09, -37.36, 30.44
CIElCh	62, 48.193, 140.824
Yxy	30.5135, 0.3074, 0.4603
Android (android.graphics.Color)	4284458590 (0xFF5FA65E)
YUV	136.5630, -20.9836, -36.4508
Hunter-Lab	55.2390, -30.8196, 22.1387

Details

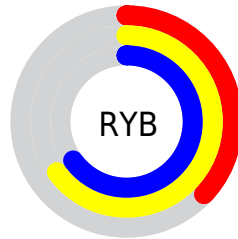
The Yxy color **30.5135, 0.3074, 0.4603** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.7472, 0.3163, 0.2247**, and the grayscale version is **24.9315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6764, 0.3105, 0.4319**, and **12.4789, 0.2997, 0.5114** is the 20% darker color. If you saturate the color by 10%, you get **29.4620, 0.3058, 0.4954**, and if you desaturate by 10%, it is **31.8156, 0.3089, 0.4257**.

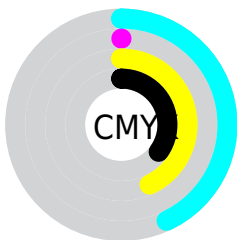
Distribution



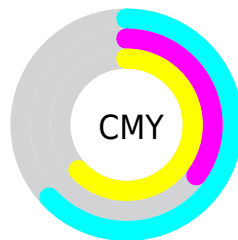
- Red (37%)
- Green (65%)
- Blue (37%)



- Red (37%)
- Yellow (65%)
- Blue (65%)



- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (35%)





- Cyan (63%)
- Magenta (35%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5135, 0.3074, 0.4603 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 30.5135, 0.3074, 0.4603 by changing the saturation by 10% instead.


 30.5135, 0.3074,
0.4603


 30.5135, 0.3074,
0.4603


304.2907, 0.3129,
0.3859


 20.2287, 0.3046,
0.4821

 60.4733, 0.3103,
0.4309


 12.5614, 0.2998,
0.5121


 80.9171, 0.3111,
0.4206

 7.1272, 0.2910,
0.5557


 105.5160, 0.3117,
0.4122

 3.5418, 0.2757,
0.6293

 134.6543, 0.3121,
0.4052

 1.4207, 0.2024,
0.7976

168.7166, 0.3124,
0.3992

 0.2319, 0.0000,
1.0000

208.0872, 0.3126,

 0.0000, 0.0000,

0.3941

0.0000

253.1504, 0.3128,
0.3897

■ 30.5135, 0.3074,
0.4603

■ 30.5135, 0.3074,
0.4603

■ 29.4620, 0.3058,
0.4954

■ 31.8156, 0.3089,
0.4257

■ 28.6414, 0.3043,
0.5288

■ 33.3788, 0.3102,
0.3931

■ 28.0355, 0.3028,
0.5578


■ 35.2176, 0.3114,
0.3635


■ 27.6243, 0.3016,
0.5799

■ 37.3444, 0.3124,
0.3372

■ 27.3839, 0.3006,
0.5937

■ 39.7710, 0.3133,
0.3142

 27.2880, 0.3004,
0.5997

 42.5081, 0.3140,
0.2942

 45.5663, 0.3146,
0.2771

 48.9556, 0.3151,
0.2623

 52.6854, 0.3155,
0.2497

Harmonies

Analogous

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



30.5135, 0.3809, 0.4687



30.5135, 0.3074, 0.4603



30.5135, 0.2393, 0.3977

Triad

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



30.5135, 0.3074, 0.4603



30.5135, 0.1934, 0.2181



30.5135, 0.4456, 0.3216

Complementary

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



30.5135, 0.3074, 0.4603



18.7472, 0.3163, 0.2247

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.



30.5135, 0.3820, 0.2703



30.5135, 0.3074, 0.4603



30.5135, 0.2352, 0.2132

Square

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



30.5135, 0.3074, 0.4603



30.5135, 0.1795, 0.2509



30.5135, 0.3024, 0.2320



30.5135, 0.4663, 0.3783

Rectangle

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



30.5135, 0.3074, 0.4603



30.5135, 0.2061, 0.3417



30.5135, 0.3024, 0.2320



30.5135, 0.4282, 0.3036

Sweetspot

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



30.5148, 0.3074, 0.4603



63.9697, 0.3114, 0.3631



35.7525, 0.3766, 0.4320



14.1451, 0.3112, 0.3691



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.5148, 0.3074, 0.4603



53.5429, 0.3059, 0.4940



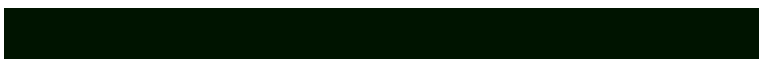
31.2300, 0.2811, 0.3954



8.4128, 0.3118, 0.3523



21.1625, 0.3004, 0.5997



0.5165, 0.3023, 0.5982

Inverse Universe

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



18.7472, 0.3163, 0.2247



29.3665, 0.3168, 0.2045



17.7519, 0.3650, 0.2719



7.6609, 0.3135, 0.3067



8.2207, 0.3173, 0.1522



0.2017, 0.3186, 0.1529

Previews

White Background



This preview shows how the Yxy color 30.5135, 0.3074, 0.4603 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.5135, 0.3074, 0.4603 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 ✓ Pass

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

Yxy 30.5135, 0.3074, 0.4603

Background



This preview shows how black text looks on a background with the Yxy color 30.5135, 0.3074, 0.4603.



This preview shows how white text looks on a background with the Yxy color 30.5135, 0.3074, 0.4603.

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

30.5135, 0.3074, 0.4603

Protanopia

30.0920, 0.3892, 0.4210

Deuteranopia

30.1295, 0.3993, 0.3923



Tritanopia

30.3312, 0.2611, 0.3076

Trichromacy



Original Color

30.5135, 0.3074, 0.4603

Protanomaly

29.6698, 0.3561, 0.4363

Deuteranomaly

29.2922, 0.3616, 0.4164

Tritanomaly

30.0979, 0.2786, 0.3602

Monochromacy



Original Color

30.5135, 0.3074, 0.4603

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.6979, 0.3115, 0.3769

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5135, 0.3074, 0.4603 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, 166, 94)` looks like.

```
.text, #text, p{  
    color:rgb(95, 166, 94)  
}
```

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, 166, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 166, 94) }
```

Border

The CSS property to change the border of an element to Yxy 30.5135, 0.3074, 0.4603 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, 166, 94) }
```

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

```
.border{ border-color:rgb(95, 166, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 166, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 166, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 166, 94);  
box-shadow:4px 4px 4px 4px rgb(95, 166,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5135, 0.3074, 0.4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 166, 94) }
```

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

```
.background{ background-color: rgb(95, 166,  
94) }
```

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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