

Converting Colors

$Y_{xy}(29.3343, 0.3191, 0.4478)$

Have a look what the booklet for
Yxy(29.3343, 0.3191, 0.4478)
contains.

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Color

Yxy(29.5041, 0.3185, 0.4476)

Conversions

Conversions Part 1

Format	Color
Hex	6CA15F
RGB	108, 161, 95
RGB Percent	42%, 63%, 37%
CMY	0.5765, 0.3686, 0.6274
CMYK	0.33, 0.00, 0.41, 0.37
HSL	108°, 26%, 50%
HSV	108°, 41%, 63%
XYZ	20.9943, 29.5041, 15.4178
YIQ	137.6290, -10.4020, -31.7620

Conversions

Conversions Part 2

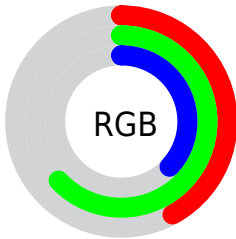
Format	Color
R_{YB}	95, 161, 148
Decimal	7119199
CIE _{Lab}	61.22, -30.62, 28.90
CIE _{LCh}	61, 42.104, 136.652
Yxy	29.5041, 0.3185, 0.4476
Android (android.graphics.Color)	4285309279 (0xFF6CA15F)
YUV	137.6290, -21.0161, -25.9846
Hunter-Lab	54.3177, -26.0639, 21.1932

Details

The Yxy color **29.5041, 0.3185, 0.4476** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.0589, 0.3008, 0.2256**, and the grayscale version is **25.3516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7641, 0.3188, 0.4215**, and **12.0124, 0.3158, 0.4946** is the 20% darker color. If you saturate the color by 10%, you get **28.4905, 0.3186, 0.4808**, and if you desaturate by 10%, it is **30.7011, 0.3177, 0.4151**.

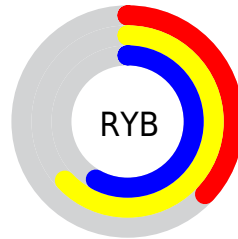
Distribution



Red (42%)

Green (63%)

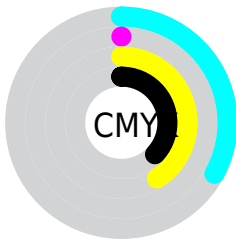
Blue (37%)



Red (37%)

Yellow (63%)

Blue (58%)

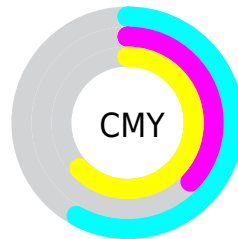


Cyan (33%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (58%)


Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5041, 0.3185, 0.4476 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 29.5041, 0.3185, 0.4476 by changing the saturation by 10% instead.


 29.5041, 0.3185,
0.4476

 29.5041, 0.3185,
0.4476


299.5861, 0.3176,
0.3806


 19.4625, 0.3176,
0.4672


 58.8771, 0.3188,
0.4212

 12.0049, 0.3156,
0.4942


 78.9772, 0.3187,
0.4119

 6.7470, 0.3108,
0.5333


 103.1990, 0.3186,
0.4043

 3.3044, 0.3022,
0.6001

 131.9267, 0.3184,
0.3980

 1.2926, 0.2512,
0.7488

165.5450, 0.3182,
0.3926

 0.1355, 0.0000,
1.0000

204.4380, 0.3180,

 0.0000, 0.0000,

0.3880

0.0000

248.9902, 0.3178,
0.3841

■ 29.5041, 0.3185,
0.4476

■ 29.5041, 0.3185,
0.4476

■ 28.4905, 0.3186,
0.4808

■ 30.7011, 0.3177,
0.4151

■ 27.6474, 0.3179,
0.5131

■ 32.0860, 0.3164,
0.3845

■ 26.9663, 0.3162,
0.5423


■ 33.6681, 0.3147,
0.3565


■ 26.4363, 0.3135,
0.5664


■ 35.4546, 0.3129,
0.3313

■ 26.0449, 0.3102,
0.5838


■ 37.4527, 0.3110,
0.3090

 25.7930, 0.3072,
0.5943

 39.6689, 0.3090,
0.2893

 42.1097, 0.3071,
0.2721

 44.7812, 0.3053,
0.2571

 47.6892, 0.3035,
0.2440

Harmonies

Analogous

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



29.5041, 0.3833, 0.4505



29.5041, 0.3185, 0.4476



29.5041, 0.2555, 0.3987

Triad

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



29.5041, 0.3185, 0.4476



29.5041, 0.2020, 0.2323



29.5041, 0.4241, 0.3166

Complementary

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



29.5041, 0.3185, 0.4476



17.0589, 0.3008, 0.2256

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.



29.5041, 0.3647, 0.2709



29.5041, 0.3185, 0.4476



29.5041, 0.2368, 0.2239

Square

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



29.5041, 0.3185, 0.4476



29.5041, 0.1930, 0.2667



29.5041, 0.2946, 0.2381



29.5041, 0.4490, 0.3680

Rectangle

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



29.5041, 0.3185, 0.4476



29.5041, 0.2231, 0.3511



29.5041, 0.2946, 0.2381



29.5041, 0.4072, 0.3004

Sweetspot

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



29.5054, 0.3185, 0.4476



59.9224, 0.3150, 0.3598



29.5232, 0.3798, 0.4104



13.0647, 0.3152, 0.3631



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.



29.5054, 0.3185, 0.4476



51.1998, 0.3186, 0.4773



29.1585, 0.2918, 0.4141



7.9590, 0.3144, 0.3520



20.6131, 0.3076, 0.5940



0.4504, 0.3299, 0.5763

Inverse Universe

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



17.0589, 0.3008, 0.2256



25.8619, 0.2970, 0.2037



17.6938, 0.3434, 0.2573



7.1315, 0.3108, 0.3066



5.8211, 0.2725, 0.1275



0.1393, 0.2912, 0.1378

Previews

White Background



This preview shows how the Yxy color 29.5041, 0.3185, 0.4476 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 29.5041, 0.3185, 0.4476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

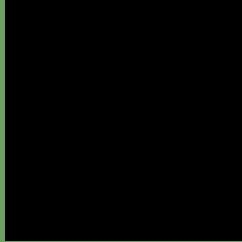
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5041, 0.3185, 0.4476

Background



This preview shows how black text looks on a background with the Yxy color 29.5041, 0.3185, 0.4476.



This preview shows how white text looks on a background with the Yxy color 29.5041, 0.3185, 0.4476.

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

29.5041, 0.3185, 0.4476

Protanopia

29.1827, 0.3851, 0.4166

Deuteranopia

29.2000, 0.3961, 0.3890



Tritanopia

29.4921, 0.2719, 0.3093

Trichromacy



Original Color

29.5041, 0.3185, 0.4476

Protanomaly

28.9800, 0.3590, 0.4279

Deuteranomaly

28.6410, 0.3654, 0.4095

Tritanomaly

29.3834, 0.2890, 0.3564

Monochromacy



Original Color

29.5041, 0.3185, 0.4476

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.4749, 0.3160, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5041, 0.3185, 0.4476 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(108, 161, 95)` looks like.

```
.text, #text, p{  
    color:rgb(108, 161, 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(108, 161, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 161, 95) }
```

Border

The CSS property to change the border of an element to Yxy 29.5041, 0.3185, 0.4476 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(108, 161, 95) }
```

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

```
.border{ border-color:rgb(108, 161, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 161, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 161, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 161, 95);  
box-shadow:4px 4px 4px 4px rgb(108, 161,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5041, 0.3185, 0.4476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 161, 95) }
```

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

```
.background{ background-color: rgb(108,  
161, 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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