

Converting Colors

$Yxy(29.3684, 0.3155, 0.4524)$

Have a look what the booklet for
Yxy(29.3684, 0.3155, 0.4524)
contains.

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Color

$\text{Yxy}(29.2409, 0.3156, 0.4508)$

Conversions

Conversions Part 1

Format	Color
Hex	68A15E
RGB	104, 161, 94
RGB Percent	41%, 63%, 37%
CMY	0.5923, 0.3686, 0.6314
CMYK	0.35, 0.00, 0.42, 0.37
HSL	111°, 26%, 50%
HSV	111°, 42%, 63%
XYZ	20.4712, 29.2409, 15.1523
YIQ	136.3190, -12.4650, -32.9210

Conversions

Conversions Part 2

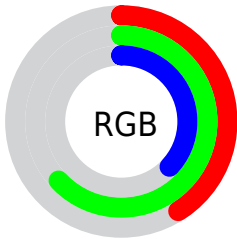
Format	Color
R_{YB}	94, 161, 151
Decimal	6857054
CIE _{Lab}	60.99, -32.16, 29.11
CIE _{LCh}	61, 43.372, 137.851
Yxy	29.2409, 0.3156, 0.4508
Android (android.graphics.Color)	4285047134 (0xFF68A15E)
YUV	136.3190, -20.8633, -28.3438
Hunter-Lab	54.0749, -27.0559, 21.2387

Details

The Yxy color $29.2409, 0.3156, 0.4508$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.1595, 0.3046, 0.2253$, and the grayscale version is $24.8276, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.3242, 0.3165, 0.4237$, and $11.8914, 0.3121, 0.4994$ is the 20% darker color. If you saturate the color by 10%, you get $28.2284, 0.3152, 0.4846$, and if you desaturate by 10%, it is $30.4494, 0.3155, 0.4178$.

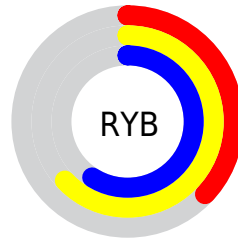
Distribution



Red (41%)

Green (63%)

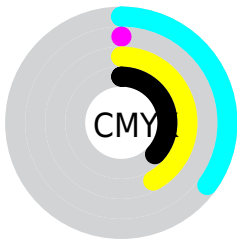
Blue (37%)



Red (37%)

Yellow (63%)

Blue (59%)

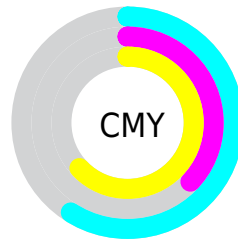


Cyan (35%)

Magenta (0%)

Yellow (42%)

Black (37%)



Cyan (59%)


Magenta (37%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2409, 0.3156, 0.4508 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 29.2409, 0.3156, 0.4508 by changing the saturation by 10% instead.

 29.2409, 0.3156,
0.4508


 29.2409, 0.3156,
0.4508


298.3499, 0.3163,
0.3817


 19.2631, 0.3142,
0.4711


 58.4596, 0.3166,
0.4235


 11.8606, 0.3114,
0.4991


 78.4693, 0.3168,
0.4140

 6.6488, 0.3055,
0.5399


 102.5919, 0.3168,
0.4061

 3.2435, 0.2955,
0.6111

 131.2115, 0.3167,
0.3996

 1.2601, 0.2278,
0.7722

164.7128, 0.3167,
0.3941

 0.1100, 0.0000,
1.0000

203.4800, 0.3166,

 0.0000, 0.0000,

0.3894

0.0000

247.8976, 0.3165,
0.3853

■ 29.2409, 0.3156,
0.4508

■ 29.2409, 0.3156,
0.4508

■ 28.2284, 0.3152,
0.4846

■ 30.4494, 0.3155,
0.4178

■ 27.3980, 0.3140,
0.5172

■ 31.8597, 0.3149,
0.3867

■ 26.7398, 0.3122,
0.5466

■ 33.4818, 0.3140,
0.3583

■ 26.2414, 0.3097,
0.5704


■ 35.3240, 0.3129,
0.3329

■ 25.8885, 0.3068,
0.5870

■ 37.3941, 0.3117,
0.3104

 25.6867, 0.3046,
0.5963

 39.6997, 0.3104,
0.2907

 42.2478, 0.3092,
0.2735

 45.0453, 0.3079,
0.2585

 48.0987, 0.3067,
0.2455

Harmonies

Analogous

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



29.2409, 0.3827, 0.4552



29.2409, 0.3156, 0.4508



29.2409, 0.2513, 0.3984

Triad

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



29.2409, 0.3156, 0.4508



29.2409, 0.1998, 0.2286



29.2409, 0.4297, 0.3180

Complementary

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



29.2409, 0.3156, 0.4508



17.1595, 0.3046, 0.2253

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.



29.2409, 0.3692, 0.2708



29.2409, 0.3156, 0.4508



29.2409, 0.2364, 0.2211

Square

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



29.2409, 0.3156, 0.4508



29.2409, 0.1895, 0.2625



29.2409, 0.2967, 0.2365



29.2409, 0.4535, 0.3708

Rectangle

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



29.2409, 0.3156, 0.4508



29.2409, 0.2186, 0.3486



29.2409, 0.2967, 0.2365



29.2409, 0.4126, 0.3013

Sweetspot

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



29.2421, 0.3156, 0.4508



59.7700, 0.3141, 0.3599



30.5051, 0.3790, 0.4162



13.0285, 0.3142, 0.3632



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.



29.2421, 0.3156, 0.4508



50.6622, 0.3152, 0.4823



29.1670, 0.2890, 0.4092



7.9433, 0.3138, 0.3521



20.5245, 0.3050, 0.5960



0.4449, 0.3231, 0.5816

Inverse Universe

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



17.1595, 0.3046, 0.2253



26.0276, 0.3019, 0.2033



17.4039, 0.3488, 0.2610



7.1485, 0.3115, 0.3067



6.3184, 0.2842, 0.1340



0.1464, 0.2985, 0.1418

Previews

White Background



This preview shows how the Yxy color 29.2409, 0.3156, 0.4508 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 29.2409, 0.3156, 0.4508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

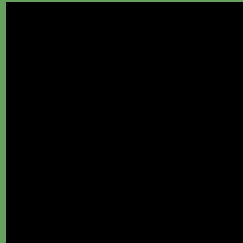
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2409, 0.3156, 0.4508

Background



This preview shows how black text looks on a background with the Yxy color 29.2409, 0.3156, 0.4508.



This preview shows how white text looks on a background with the Yxy color 29.2409, 0.3156, 0.4508.

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

29.2409, 0.3156, 0.4508

Protanopia

29.0456, 0.3859, 0.4199

Deuteranopia

28.7710, 0.3966, 0.3894



Tritanopia

29.2810, 0.2695, 0.3092

Trichromacy



Original Color

29.2409, 0.3156, 0.4508

Protanomaly

28.7701, 0.3586, 0.4318

Deuteranomaly

28.4324, 0.3641, 0.4118

Tritanomaly

29.0858, 0.2863, 0.3585

Monochromacy



Original Color

29.2409, 0.3156, 0.4508

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.9164, 0.3138, 0.3716

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2409, 0.3156, 0.4508 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(104, 161, 94)` looks like.

```
.text, #text, p{  
    color:rgb(104, 161, 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(104, 161, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 161, 94) }
```

Border

The CSS property to change the border of an element to Yxy 29.2409, 0.3156, 0.4508 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(104, 161, 94) }
```

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

```
.border{ border-color:rgb(104, 161, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 161, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 161, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 161, 94);  
box-shadow:4px 4px 4px 4px rgb(104, 161,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2409, 0.3156, 0.4508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 161, 94) }
```

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

```
.background{ background-color: rgb(104,  
161, 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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