

Converting Colors

$Yxy(30.4178, 0.3017, 0.4084)$

Have a look what the booklet for
Yxy(30.4178, 0.3017, 0.4084)
contains.

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Color

Yxy(30.3762, 0.3019, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	6DA275
RGB	109, 162, 117
RGB Percent	43%, 64%, 46%
CMY	0.5725, 0.3647, 0.5412
CMYK	0.33, 0.00, 0.28, 0.36
HSL	129°, 22%, 53%
HSV	129°, 33%, 64%
XYZ	22.4384, 30.3762, 21.5094
YIQ	141.0230, -17.1430, -25.2310

Conversions

Conversions Part 2

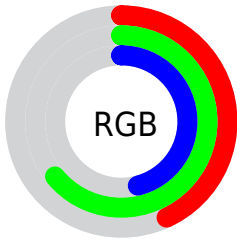
Format	Color
RYB	109, 155, 162
Decimal	7185013
CIELab	61.98, -27.09, 17.96
CIELCh	62, 32.504, 146.450
Yxy	30.3762, 0.3019, 0.4087
Android (android.graphics.Color)	4285375093 (0xFF6DA275)
YUV	141.0230, -11.8433, -28.0842
Hunter-Lab	55.1146, -23.7792, 15.4414

Details

The Yxy color **30.3762, 0.3019, 0.4087** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.9541, 0.3259, 0.2606**, and the grayscale version is **26.6989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1717, 0.3049, 0.3914**, and **12.4990, 0.2970, 0.4407** is the 20% darker color. If you saturate the color by 10%, you get **29.1427, 0.2989, 0.4383**, and if you desaturate by 10%, it is **31.8492, 0.3052, 0.3813**.

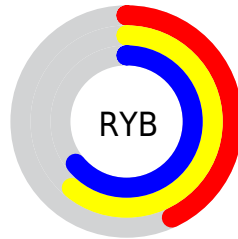
Distribution



Red (43%)

Green (64%)

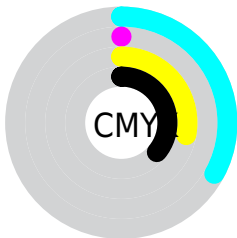
Blue (46%)



Red (43%)

Yellow (61%)

Blue (64%)

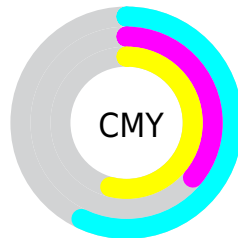


Cyan (33%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (57%)


Magenta (36%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3762, 0.3019, 0.4087 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 30.3762, 0.3019, 0.4087 by changing the saturation by 10% instead.


 30.3762, 0.3019,
0.4087


 30.3762, 0.3019,
0.4087


303.6541, 0.3087,
0.3641


 20.1243, 0.2996,
0.4217


 60.2566, 0.3048,
0.3912

 12.4854, 0.2962,
0.4396


 80.6539, 0.3057,
0.3851

 7.0752, 0.2906,
0.4660


 105.2018, 0.3065,
0.3800

 3.5092, 0.2806,
0.5080

 134.2847, 0.3071,
0.3758

 1.4030, 0.2735,
0.6407

168.2870, 0.3076,
0.3722

 0.2189, 0.0000,
1.0000

207.5931, 0.3080,

 0.0000, 0.0000,

0.3691

0.0000

252.5873, 0.3084,
0.3665

■ 30.3762, 0.3019,
0.4087

■ 30.3762, 0.3019,
0.4087

■ 29.1427, 0.2989,
0.4383

■ 31.8492, 0.3052,
0.3813

■ 28.1324, 0.2964,
0.4692

■ 33.5694, 0.3085,
0.3565

■ 27.3328, 0.2947,
0.5001

■ 35.5489, 0.3118,
0.3345


■ 26.7290, 0.2938,
0.5293

■ 37.7978, 0.3150,
0.3152

■ 26.3036, 0.2940,
0.5549

■ 40.3258, 0.3181,
0.2983


 26.0363, 0.2952,
0.5751

 43.1420, 0.3209,
0.2837

 25.9092, 0.2962,
0.5862

 46.2552, 0.3236,
0.2711

 49.6736, 0.3260,
0.2601

 53.4053, 0.3283,
0.2507

Harmonies

Analogous

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



30.3762, 0.3534, 0.4243



30.3762, 0.3019, 0.4087



30.3762, 0.2557, 0.3647

Triad

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



30.3762, 0.3019, 0.4087



30.3762, 0.2324, 0.2490



30.3762, 0.4074, 0.3341

Complementary

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



30.3762, 0.3019, 0.4087



20.9541, 0.3259, 0.2606

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.



30.3762, 0.3695, 0.2948



30.3762, 0.3019, 0.4087



30.3762, 0.2671, 0.2476

Square

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



30.3762, 0.3019, 0.4087



30.3762, 0.2182, 0.2707



30.3762, 0.3168, 0.2642



30.3762, 0.4169, 0.3752

Rectangle

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



30.3762, 0.3019, 0.4087



30.3762, 0.2336, 0.3292



30.3762, 0.3168, 0.2642



30.3762, 0.3975, 0.3205

Sweetspot

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



30.3775, 0.3019, 0.4087



61.8024, 0.3094, 0.3507



33.8210, 0.3526, 0.4109



13.7770, 0.3089, 0.3538



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.3775, 0.3019, 0.4087



53.5272, 0.2998, 0.4293



31.0901, 0.2810, 0.3607



7.9116, 0.3097, 0.3486



20.4155, 0.2959, 0.5851



0.4337, 0.2818, 0.5346

Inverse Universe

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



20.9541, 0.3259, 0.2606



33.8067, 0.3294, 0.2461



20.1675, 0.3602, 0.2997



7.1837, 0.3159, 0.3101



7.4925, 0.3622, 0.1769



0.1621, 0.3452, 0.1675

Previews

White Background



This preview shows how the Yxy color 30.3762, 0.3019, 0.4087 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 30.3762, 0.3019, 0.4087 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 30.3762, 0.3019, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 30.3762, 0.3019, 0.4087.



This preview shows how white text looks on a background with the Yxy color 30.3762, 0.3019, 0.4087.

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

30.3762, 0.3019, 0.4087

Protanopia

30.1162, 0.3623, 0.3881

Deuteranopia

29.9096, 0.3690, 0.3618



Tritanopia

30.1918, 0.2692, 0.3079

Trichromacy



Original Color

30.3762, 0.3019, 0.4087

Protanomaly

29.9662, 0.3378, 0.3966

Deuteranomaly

29.6528, 0.3419, 0.3772

Tritanomaly

30.2685, 0.2810, 0.3441

Monochromacy



Original Color

30.3762, 0.3019, 0.4087

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.8280, 0.3083, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3762, 0.3019, 0.4087 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(109, 162, 117)` looks like.

```
.text, #text, p{  
    color:rgb(109, 162, 117)  
}
```

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(109, 162, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 162, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.3762, 0.3019, 0.4087 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(109, 162, 117) }
```

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

```
.border{ border-color:rgb(109, 162, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 162, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 162, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 162, 117);  
box-shadow:4px 4px 4px 4px rgb(109, 162,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3762, 0.3019, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 162, 117) }
```

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

```
.background{ background-color: rgb(109,  
162, 117) }
```

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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