

Converting Colors

$Y_{xy}(27.1183, 0.3031, 0.4049)$

Have a look what the booklet for
Yxy(27.1183, 0.3031, 0.4049)
contains.

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Color

$\text{Yxy}(27.0165, 0.3035, 0.4047)$

Conversions

Conversions Part 1

Format	Color
Hex	6A9970
RGB	106, 153, 112
RGB Percent	42%, 60%, 44%
CMY	0.5843, 0.4000, 0.5607
CMYK	0.31, 0.00, 0.27, 0.40
HSL	128°, 19%, 51%
HSV	128°, 31%, 60%
XYZ	20.2607, 27.0165, 19.4797
YIQ	134.2730, -14.8510, -22.7150

Conversions

Conversions Part 2

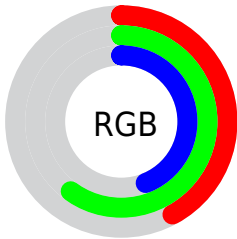
Format	Color
R_{YB}	106, 148, 153
Decimal	6986096
CIE _{Lab}	58.99, -24.55, 16.60
CIE _{LCh}	59, 29.634, 145.938
Yxy	27.0165, 0.3035, 0.4047
Android (android.graphics.Color)	4285176176 (0xFF6A9970)
YUV	134.2730, -10.9806, -24.7954
Hunter-Lab	51.9774, -21.3814, 14.1640

Details

The Yxy color $27.0165, 0.3035, 0.4047$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.1881, 0.3236, 0.2635$, and the grayscale version is $23.9924, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1630, 0.3063, 0.3879$, and $10.7137, 0.2976, 0.4363$ is the 20% darker color. If you saturate the color by 10%, you get $25.8867, 0.3007, 0.4345$, and if you desaturate by 10%, it is $28.3599, 0.3065, 0.3772$.

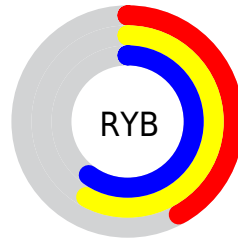
Distribution



Red (42%)

Green (60%)

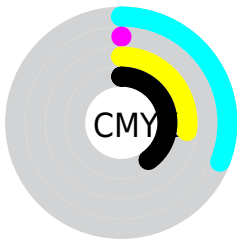
Blue (44%)



Red (42%)

Yellow (58%)

Blue (60%)

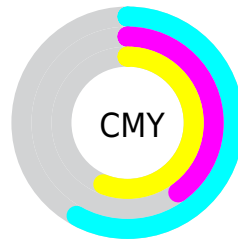


Cyan (31%)

Magenta (0%)

Yellow (27%)

Black (40%)



Cyan (58%)


Magenta (40%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0165, 0.3035, 0.4047 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 27.0165, 0.3035, 0.4047 by changing the saturation by 10% instead.


 27.0165, 0.3035,
0.4047


 27.0165, 0.3035,
0.4047


287.7370, 0.3094,
0.3617

 17.5856, 0.3014,
0.4175


 54.9103, 0.3061,
0.3876

 10.6529, 0.2982,
0.4356


 74.1421, 0.3069,
0.3817

 5.8339, 0.2929,
0.4625

 97.4096, 0.3075,
0.3768

 2.7444, 0.2828,
0.5070

 125.0972, 0.3081,
0.3728

 0.9998, 0.2574,
0.7426

157.5894, 0.3085,
0.3694

 0.0000, 0.0000,
0.0000

195.2705, 0.3089,

0.3665

238.5249, 0.3092,
0.3639

■ 27.0165, 0.3035,
0.4047

■ 27.0165, 0.3035,
0.4047

■ 25.8867, 0.3007,
0.4345

■ 28.3599, 0.3065,
0.3772

■ 24.9563, 0.2983,
0.4659

■ 29.9235, 0.3095,
0.3524

■ 24.2145, 0.2964,
0.4974


■ 31.7178, 0.3125,
0.3305

■ 23.6484, 0.2953,
0.5273


■ 33.7518, 0.3153,
0.3112

■ 23.2433, 0.2952,
0.5537


■ 36.0338, 0.3180,
0.2945

 22.9820, 0.2959,
0.5747

 38.5717, 0.3205,
0.2800

 22.8319, 0.2968,
0.5886

 41.3733, 0.3228,
0.2675

 44.4458, 0.3249,
0.2566

 47.7962, 0.3268,
0.2473

Harmonies

Analogous

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



27.0165, 0.3524, 0.4192



27.0165, 0.3035, 0.4047



27.0165, 0.2593, 0.3637

Triad

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



27.0165, 0.3035, 0.4047



27.0165, 0.2359, 0.2531



27.0165, 0.4020, 0.3335

Complementary

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



27.0165, 0.3035, 0.4047



19.1881, 0.3236, 0.2635

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.



27.0165, 0.3658, 0.2960



27.0165, 0.3035, 0.4047



27.0165, 0.2687, 0.2513

Square

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



27.0165, 0.3035, 0.4047



27.0165, 0.2226, 0.2743



27.0165, 0.3159, 0.2668



27.0165, 0.4116, 0.3727

Rectangle

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



27.0165, 0.3035, 0.4047



27.0165, 0.2380, 0.3302



27.0165, 0.3159, 0.2668



27.0165, 0.3924, 0.3205

Sweetspot

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



27.0176, 0.3035, 0.4047



54.0554, 0.3100, 0.3489



30.0748, 0.3517, 0.4050



11.8455, 0.3096, 0.3520



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.0176, 0.3035, 0.4047



46.9252, 0.3015, 0.4254



27.5964, 0.2841, 0.3612



6.9378, 0.3100, 0.3490



18.8728, 0.2966, 0.5878



0.2851, 0.2831, 0.5392

Inverse Universe

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



19.1881, 0.3236, 0.2635



30.5691, 0.3265, 0.2487



18.5375, 0.3539, 0.2992



6.3101, 0.3156, 0.3098



7.0103, 0.3552, 0.1730



0.1081, 0.3381, 0.1636

Previews

White Background



This preview shows how the Yxy color 27.0165, 0.3035, 0.4047 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 27.0165, 0.3035, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

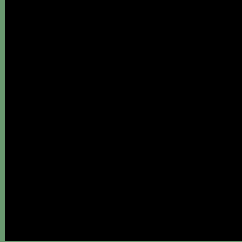
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0165, 0.3035, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 27.0165, 0.3035, 0.4047.



This preview shows how white text looks on a background with the Yxy color 27.0165, 0.3035, 0.4047.

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

27.0165, 0.3035, 0.4047

Protanopia

26.6906, 0.3595, 0.3847

Deuteranopia

26.7618, 0.3671, 0.3603



Tritanopia

27.0155, 0.2714, 0.3086

Trichromacy



Original Color

27.0165, 0.3035, 0.4047

Protanomaly

26.5058, 0.3376, 0.3912

Deuteranomaly

26.4234, 0.3414, 0.3744

Tritanomaly

26.8926, 0.2831, 0.3412

Monochromacy



Original Color

27.0165, 0.3035, 0.4047

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.8412, 0.3093, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0165, 0.3035, 0.4047 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(106, 153, 112)` looks like.

```
.text, #text, p{  
    color:rgb(106, 153, 112)  
}
```

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(106, 153, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 153, 112) }
```

Border

The CSS property to change the border of an element to Yxy 27.0165, 0.3035, 0.4047 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(106, 153, 112) }
```

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

```
.border{ border-color:rgb(106, 153, 112) }
```

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

Here you see how a box with a 4 pixel rgb(106, 153, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 153, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 153, 112);  
box-shadow:4px 4px 4px 4px rgb(106, 153,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0165, 0.3035, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 153, 112) }
```

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

```
.background{ background-color: rgb(106,  
153, 112) }
```

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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