

Converting Colors

$Y_{xy}(27.0018, 0.3367, 0.4202)$

Have a look what the booklet for
Yxy(27.0018, 0.3367, 0.4202)
contains.

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Color

Yxy(27.1302, 0.3367, 0.4207)

Conversions

Conversions Part 1

Format	Color
Hex	7E9662
RGB	126, 150, 98
RGB Percent	49%, 59%, 38%
CMY	0.5059, 0.4117, 0.6157
CMYK	0.16, 0.00, 0.35, 0.41
HSL	88°, 21%, 49%
HSV	88°, 35%, 59%
XYZ	21.7132, 27.1302, 15.6448
YIQ	136.8960, 2.3880, -21.2600

Conversions

Conversions Part 2

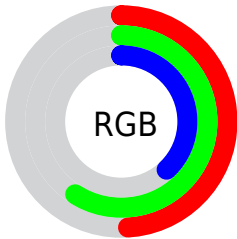
Format	Color
RYB	98, 150, 122
Decimal	8296034
CIELab	59.09, -18.03, 24.72
CIELCh	59, 30.596, 126.103
Yxy	27.1302, 0.3367, 0.4207
Android (android.graphics.Color)	4286486114 (0xFF7E9662)
YUV	136.8960, -19.1757, -9.5558
Hunter-Lab	52.0867, -16.7410, 18.6522

Details

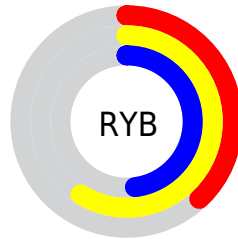
The Yxy color $27.1302, 0.3367, 0.4207$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.0744, 0.2806, 0.2363$, and the grayscale version is $25.0474, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9394, 0.3325, 0.4005$, and $10.6992, 0.3419, 0.4550$ is the 20% darker color. If you saturate the color by 10%, you get $26.3656, 0.3424, 0.4494$, and if you desaturate by 10%, it is $27.9867, 0.3302, 0.3924$.

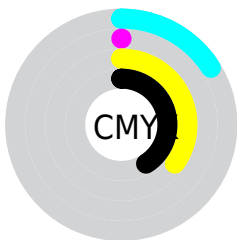
Distribution



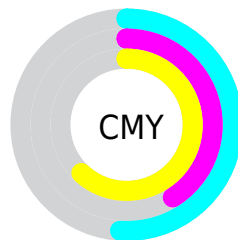
- Red (49%)
- Green (59%)
- Blue (38%)



- Red (38%)
- Yellow (59%)
- Blue (48%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (41%)





- Cyan (51%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1302, 0.3367, 0.4207 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 27.1302, 0.3367, 0.4207 by changing the saturation by 10% instead.


 27.1302, 0.3367,
0.4207


 27.1302, 0.3367,
0.4207


288.2870, 0.3248,
0.3691


 17.6710, 0.3393,
0.4357


 55.0927, 0.3325,
0.4004

 10.7141, 0.3423,
0.4565


 74.3649, 0.3309,
0.3933

 5.8749, 0.3453,
0.4866

 97.6768, 0.3295,
0.3874

 2.7692, 0.3498,
0.5386

 125.4129, 0.3283,
0.3826

 1.0124, 0.3380,
0.6620

157.9576, 0.3273,
0.3784

 0.0000, 0.0000,
0.0000

195.6952, 0.3264,

0.3749

239.0102, 0.3256,
0.3718

■ 27.1302, 0.3367,
0.4207

■ 27.1302, 0.3367,
0.4207

■ 26.3656, 0.3424,
0.4494

■ 27.9867, 0.3302,
0.3924

■ 25.6857, 0.3468,
0.4776

■ 28.9351, 0.3232,
0.3654

■ 25.0877, 0.3495,
0.5040


■ 29.9798, 0.3161,
0.3401

■ 24.5671, 0.3503,
0.5271


■ 31.1238, 0.3090,
0.3169


■ 24.1189, 0.3488,
0.5459

■ 32.3701, 0.3021,
0.2957


 23.7370, 0.3452,
0.5596

 33.7214, 0.2955,
0.2765

 23.5527, 0.3430,
0.5658

 35.1805, 0.2893,
0.2593

 36.7498, 0.2836,
0.2440

 38.4319, 0.2782,
0.2302

Harmonies

Analogous

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



27.1302, 0.3827, 0.4150



27.1302, 0.3367, 0.4207



27.1302, 0.2865, 0.3953

Triad

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



27.1302, 0.3367, 0.4207



27.1302, 0.2223, 0.2629



27.1302, 0.3825, 0.3074

Complementary

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



27.1302, 0.3367, 0.4207



15.0744, 0.2806, 0.2363

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.



27.1302, 0.3338, 0.2739



27.1302, 0.3367, 0.4207



27.1302, 0.2430, 0.2481

Square

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



27.1302, 0.3367, 0.4207



27.1302, 0.2230, 0.2977



27.1302, 0.2826, 0.2527



27.1302, 0.4116, 0.3473

Rectangle

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



27.1302, 0.3367, 0.4207



27.1302, 0.2574, 0.3645



27.1302, 0.2826, 0.2527



27.1302, 0.3677, 0.2952

Sweetspot

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



27.1314, 0.3367, 0.4207



51.8627, 0.3200, 0.3539



21.1382, 0.3782, 0.3689



11.4423, 0.3209, 0.3571



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.1314, 0.3367, 0.4207



46.7625, 0.3414, 0.4441



25.4400, 0.3105, 0.4285



6.6129, 0.3193, 0.3513



19.5512, 0.3435, 0.5654



0.2568, 0.3766, 0.5391

Inverse Universe

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



15.0744, 0.2806, 0.2363



22.0471, 0.2708, 0.2123



17.1766, 0.3132, 0.2448



5.7563, 0.3057, 0.3066



2.9026, 0.1975, 0.0861



0.0527, 0.2472, 0.1135

Previews

White Background



This preview shows how the Yxy color 27.1302, 0.3367, 0.4207 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 27.1302, 0.3367, 0.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

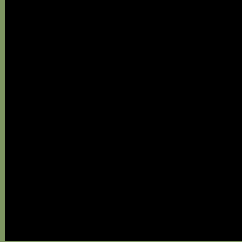
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1302, 0.3367, 0.4207

Background



This preview shows how black text looks on a background with the Yxy color 27.1302, 0.3367, 0.4207.



This preview shows how white text looks on a background with the Yxy color 27.1302, 0.3367, 0.4207.

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

27.1302, 0.3367, 0.4207

Protanopia

27.0423, 0.3750, 0.4046

Deuteranopia

26.9829, 0.3899, 0.3824



Tritanopia

27.0463, 0.2930, 0.3109

Trichromacy



Original Color

27.1302, 0.3367, 0.4207

Protanomaly

27.0246, 0.3608, 0.4107

Deuteranomaly

26.7422, 0.3692, 0.3956

Tritanomaly

27.1043, 0.3086, 0.3494

Monochromacy



Original Color

27.1302, 0.3367, 0.4207

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.7626, 0.3220, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1302, 0.3367, 0.4207 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(126, 150, 98)` looks like.

```
.text, #text, p{  
    color:rgb(126, 150, 98)  
}
```

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(126, 150, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 150, 98) }
```

Border

The CSS property to change the border of an element to Yxy 27.1302, 0.3367, 0.4207 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(126, 150, 98) }
```

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

```
.border{ border-color:rgb(126, 150, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 150, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 150, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 150, 98);  
box-shadow:4px 4px 4px 4px rgb(126, 150,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1302, 0.3367, 0.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 150, 98) }
```

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

```
.background{ background-color: rgb(126,  
150, 98) }
```

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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