

Converting Colors

$Y_{xy}(27.1201, 0.3371, 0.4725)$

Have a look what the booklet for
Yxy(27.1201, 0.3371, 0.4725)
contains.

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Color

Yxy(27.2657, 0.3373, 0.4735)

Conversions

Conversions Part 1

Format	Color
Hex	6E9B4B
RGB	110, 155, 75
RGB Percent	43%, 61%, 29%
CMY	0.5686, 0.3922, 0.7059
CMYK	0.29, 0.00, 0.52, 0.39
HSL	94°, 35%, 45%
HSV	94°, 52%, 61%
XYZ	19.4229, 27.2657, 10.8948
YIQ	132.4250, -1.1400, -34.4200

Conversions

Conversions Part 2

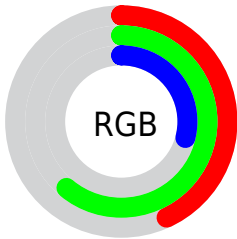
Format	Color
RYB	75, 155, 120
Decimal	7248715
CIELab	59.22, -29.72, 36.84
CIELCh	59, 47.329, 128.891
Yxy	27.2657, 0.3373, 0.4735
Android (android.graphics.Color)	4285438795 (0xFF6E9B4B)
YUV	132.4250, -28.3105, -19.6667
Hunter-Lab	52.2166, -24.9828, 24.1810

Details

The Yxy color **27.2657, 0.3373, 0.4735** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **11.3903, 0.2699, 0.1901**, and the grayscale version is **23.3420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4921, 0.3347, 0.4410**, and **10.7049, 0.3382, 0.5292** is the 20% darker color. If you saturate the color by 10%, you get **26.5479, 0.3391, 0.5023**, and if you desaturate by 10%, it is **28.0926, 0.3340, 0.4435**.

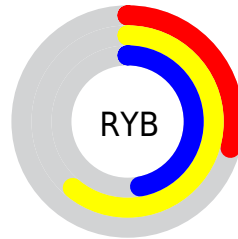
Distribution



Red (43%)

Green (61%)

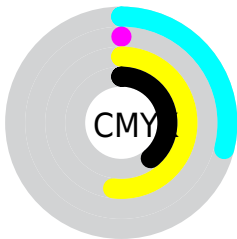
Blue (29%)



Red (29%)

Yellow (61%)

Blue (47%)

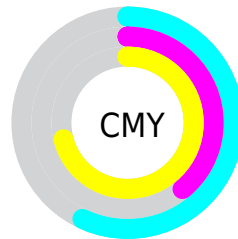


Cyan (29%)

Magenta (0%)

Yellow (52%)

Black (39%)



Cyan (57%)


Magenta (39%)


Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2657, 0.3373, 0.4735 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 27.2657, 0.3373, 0.4735 by changing the saturation by 10% instead.


 27.2657, 0.3373,
0.4735


 27.2657, 0.3373,
0.4735


288.9413, 0.3273,
0.3914


 17.7729, 0.3381,
0.4973


 55.3099, 0.3347,
0.4412

 10.7870, 0.3374,
0.5297


 74.6301, 0.3334,
0.4298


 5.9238, 0.3329,
0.5752

 97.9949, 0.3321,
0.4205

 2.7988, 0.3309,
0.6691

 125.7887, 0.3310,
0.4127

 1.0276, 0.1923,
0.8077

 158.3958, 0.3299,
0.4061

 0.0000, 0.0000,
0.0000

196.2007, 0.3290,

0.4005

239.5877, 0.3281,
0.3956

■ 27.2657, 0.3373,
0.4735

■ 27.2657, 0.3373,
0.4735

■ 26.5479, 0.3391,
0.5023

■ 28.0926, 0.3340,
0.4435

■ 25.9303, 0.3391,
0.5282

■ 29.0299, 0.3297,
0.4136

■ 25.4079, 0.3372,
0.5499

■ 30.0835, 0.3247,
0.3848

■ 24.9740, 0.3334,
0.5662

■ 31.2577, 0.3192,
0.3577

■ 24.6663, 0.3295,
0.5766

■ 32.5566, 0.3136,
0.3328

■ 33.9839, 0.3081,
0.3102

■ 35.5435, 0.3027,
0.2898

■ 37.2387, 0.2975,
0.2716

■ 39.0731, 0.2927,
0.2554

Harmonies

Analogous

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



27.2657, 0.4086, 0.4604



27.2657, 0.3373, 0.4735



27.2657, 0.2634, 0.4299

Triad

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



27.2657, 0.3373, 0.4735



27.2657, 0.1824, 0.2257



27.2657, 0.4265, 0.2995

Complementary

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



27.2657, 0.3373, 0.4735



11.3903, 0.2699, 0.1901

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.



27.2657, 0.3511, 0.2518



27.2657, 0.3373, 0.4735



27.2657, 0.2136, 0.2101

Square

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



27.2657, 0.3373, 0.4735



27.2657, 0.1797, 0.2715



27.2657, 0.2723, 0.2202



27.2657, 0.4669, 0.3557

Rectangle

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



27.2657, 0.3373, 0.4735



27.2657, 0.2228, 0.3762



27.2657, 0.2723, 0.2202



27.2657, 0.4038, 0.2823

Sweetspot

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



27.2669, 0.3373, 0.4735



55.1796, 0.3212, 0.3674



20.6701, 0.4146, 0.4008



12.3959, 0.3223, 0.3727



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.2669, 0.3373, 0.4735



47.3556, 0.3392, 0.5066



25.5033, 0.3025, 0.4811



7.0512, 0.3179, 0.3515



19.8337, 0.3301, 0.5761



0.3175, 0.3642, 0.5490

Inverse Universe

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



11.3903, 0.2699, 0.1901



15.6664, 0.2570, 0.1597



14.2348, 0.3239, 0.2133



6.1890, 0.3071, 0.3066



3.5573, 0.2171, 0.0969



0.0747, 0.2620, 0.1217

Previews

White Background



This preview shows how the Yxy color 27.2657, 0.3373, 0.4735 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 27.2657, 0.3373, 0.4735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

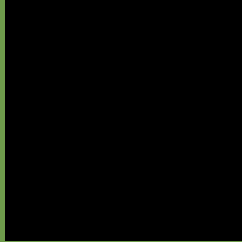
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2657, 0.3373, 0.4735

Background



This preview shows how black text looks on a background with the Yxy color 27.2657, 0.3373, 0.4735.



This preview shows how white text looks on a background with the Yxy color 27.2657, 0.3373, 0.4735.

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

27.2657, 0.3373, 0.4735

Protanopia

26.9690, 0.4016, 0.4382

Deuteranopia

26.7914, 0.4178, 0.4093



Tritanopia

27.1640, 0.2783, 0.3089

Trichromacy



Original Color

27.2657, 0.3373, 0.4735

Protanomaly

26.9108, 0.3770, 0.4525

Deuteranomaly

26.3801, 0.3869, 0.4320

Tritanomaly

26.9050, 0.3010, 0.3662

Monochromacy



Original Color

27.2657, 0.3373, 0.4735

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.1890, 0.3244, 0.3817

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2657, 0.3373, 0.4735 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(110, 155, 75)` looks like.

```
.text, #text, p{  
    color:rgb(110, 155, 75)  
}
```

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(110, 155, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 155, 75) }
```

Border

The CSS property to change the border of an element to Yxy 27.2657, 0.3373, 0.4735 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(110, 155, 75) }
```

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

```
.border{ border-color:rgb(110, 155, 75) }
```

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

Here you see how a box with a 4 pixel rgb(110, 155, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 155, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 155, 75);  
box-shadow:4px 4px 4px 4px rgb(110, 155,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2657, 0.3373, 0.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 155, 75) }
```

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

```
.background{ background-color: rgb(110,  
155, 75) }
```

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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