

Converting Colors

$Y_{xy}(27.3733, 0.3289, 0.4624)$

Have a look what the booklet for
Yxy(27.3733, 0.3289, 0.4624)
contains.

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Color

Yxy(27.2554, 0.3292, 0.4609)

Conversions

Conversions Part 1

Format	Color
Hex	6C9B53
RGB	108, 155, 83
RGB Percent	42%, 61%, 33%
CMY	0.5764, 0.3921, 0.6746
CMYK	0.30, 0.00, 0.46, 0.39
HSL	99°, 30%, 47%
HSV	99°, 46%, 61%
XYZ	19.4673, 27.2554, 12.4125
YIQ	132.7390, -4.9000, -32.3560

Conversions

Conversions Part 2

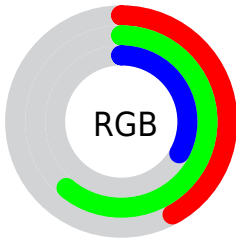
Format	Color
R_{YB}	83, 155, 130
Decimal	7117651
CIE _{Lab}	59.21, -29.45, 32.70
CIE _{LCh}	59, 44.004, 132.009
Yxy	27.2554, 0.3292, 0.4609
Android (android.graphics.Color)	4285307731 (0xFF6C9B53)
YUV	132.7390, -24.5213, -21.6961
Hunter-Lab	52.2067, -24.8011, 22.4481

Details

The Yxy color $27.2554, 0.3292, 0.4609$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.2918, 0.2840, 0.2073$, and the grayscale version is $23.4483, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3915, 0.3273, 0.4312$, and $10.6917, 0.3285, 0.5134$ is the 20% darker color. If you saturate the color by 10%, you get $26.4456, 0.3306, 0.4918$, and if you desaturate by 10%, it is $28.1946, 0.3267, 0.4297$.

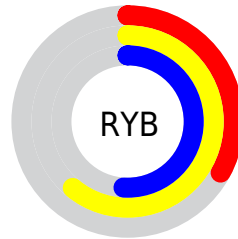
Distribution



Red (42%)

Green (61%)

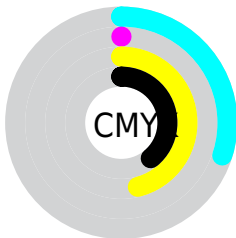
Blue (33%)



Red (33%)

Yellow (61%)

Blue (51%)

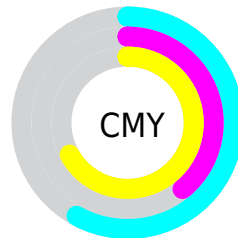


Cyan (30%)

Magenta (0%)

Yellow (46%)

Black (39%)



Cyan (58%)


Magenta (39%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2554, 0.3292, 0.4609 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 27.2554, 0.3292, 0.4609 by changing the saturation by 10% instead.


 27.2554, 0.3292,
0.4609


 27.2554, 0.3292,
0.4609


288.8916, 0.3230,
0.3857


 17.7651, 0.3294,
0.4830


 55.2934, 0.3278,
0.4312


 10.7815, 0.3283,
0.5135


 74.6100, 0.3269,
0.4207


 5.9201, 0.3240,
0.5573

 97.9707, 0.3261,
0.4122

 2.7966, 0.3299,
0.6630

 125.7601, 0.3254,
0.4051

 1.0265, 0.1960,
0.8040

 158.3625, 0.3247,
0.3991

 0.0000, 0.0000,
0.0000

196.1623, 0.3241,

0.3940

239.5438, 0.3235,
0.3896

■ 27.2554, 0.3292,
0.4609

■ 27.2554, 0.3292,
0.4609

■ 26.4456, 0.3306,
0.4918

■ 28.1946, 0.3267,
0.4297

■ 25.7556, 0.3305,
0.5208

■ 29.2654, 0.3234,
0.3994

■ 25.1799, 0.3288,
0.5461


■ 30.4741, 0.3196,
0.3709

■ 24.7109, 0.3256,
0.5661

■ 31.8259, 0.3154,
0.3447

■ 24.3388, 0.3210,
0.5802

■ 33.3254, 0.3112,
0.3209

 24.2246, 0.3194,
0.5846

 34.9771, 0.3071,
0.2996

 36.7853, 0.3030,
0.2806

 38.7542, 0.2992,
0.2639

 40.8876, 0.2956,
0.2490

Harmonies

Analogous

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



27.2554, 0.3970, 0.4552



27.2554, 0.3292, 0.4609



27.2554, 0.2606, 0.4151

Triad

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



27.2554, 0.3292, 0.4609



27.2554, 0.1919, 0.2296



27.2554, 0.4244, 0.3072

Complementary

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



27.2554, 0.3292, 0.4609



13.2918, 0.2840, 0.2073

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.



27.2554, 0.3566, 0.2607



27.2554, 0.3292, 0.4609



27.2554, 0.2243, 0.2171

Square

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



27.2554, 0.3292, 0.4609



27.2554, 0.1866, 0.2701



27.2554, 0.2822, 0.2288



27.2554, 0.4577, 0.3609

Rectangle

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



27.2554, 0.3292, 0.4609



27.2554, 0.2238, 0.3647



27.2554, 0.2822, 0.2288



27.2554, 0.4044, 0.2905

Sweetspot

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



27.2566, 0.3292, 0.4609



55.0837, 0.3187, 0.3649



23.5029, 0.3969, 0.4050



12.3616, 0.3195, 0.3704



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.



27.2566, 0.3292, 0.4609



47.2767, 0.3306, 0.4937



26.0854, 0.2980, 0.4494



7.0248, 0.3166, 0.3516



19.4762, 0.3200, 0.5841



0.3101, 0.3530, 0.5579

Inverse Universe

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



13.2918, 0.2840, 0.2073



19.0286, 0.2749, 0.1799



15.1708, 0.3328, 0.2331



6.2161, 0.3085, 0.3067



4.1501, 0.2368, 0.1078



0.0821, 0.2753, 0.1290

Previews

White Background



This preview shows how the Yxy color 27.2554, 0.3292, 0.4609 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 27.2554, 0.3292, 0.4609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

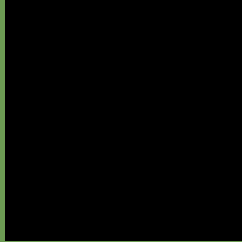
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2554, 0.3292, 0.4609

Background



This preview shows how black text looks on a background with the Yxy color 27.2554, 0.3292, 0.4609.



This preview shows how white text looks on a background with the Yxy color 27.2554, 0.3292, 0.4609.

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

27.2554, 0.3292, 0.4609

Protanopia

26.9640, 0.3941, 0.4292

Deuteranopia

27.0836, 0.4076, 0.4002



Tritanopia

27.0195, 0.2765, 0.3088

Trichromacy



Original Color

27.2554, 0.3292, 0.4609

Protanomaly

26.9356, 0.3689, 0.4411

Deuteranomaly

26.7064, 0.3775, 0.4219

Tritanomaly

26.8466, 0.2964, 0.3609

Monochromacy



Original Color

27.2554, 0.3292, 0.4609

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.5726, 0.3202, 0.3759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2554, 0.3292, 0.4609 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(108, 155, 83)` looks like.

```
.text, #text, p{  
    color:rgb(108, 155, 83)  
}
```

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(108, 155, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 155, 83) }
```

Border

The CSS property to change the border of an element to Yxy 27.2554, 0.3292, 0.4609 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(108, 155, 83) }
```

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

```
.border{ border-color:rgb(108, 155, 83) }
```

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

Here you see how a box with a 4 pixel rgb(108, 155, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 155, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 155, 83);  
box-shadow:4px 4px 4px 4px rgb(108, 155,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2554, 0.3292, 0.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 155, 83) }
```

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

```
.background{ background-color: rgb(108,  
155, 83) }
```

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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