

Converting Colors

$Y_{xy}(24.7886, 0.2883, 0.4197)$

Have a look what the booklet for
Yxy(24.7886, 0.2883, 0.4197)
contains.

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Color

Yxy(24.6265, 0.2881, 0.4189)

Conversions

Conversions Part 1

Format	Color
Hex	529669
RGB	82, 150, 105
RGB Percent	32%, 59%, 41%
CMY	0.6784, 0.4118, 0.5882
CMYK	0.45, 0.00, 0.30, 0.41
HSL	140°, 29%, 45%
HSV	140°, 45%, 59%
XYZ	16.9370, 24.6265, 17.2250
YIQ	124.5380, -26.0830, -28.4110

Conversions

Conversions Part 2

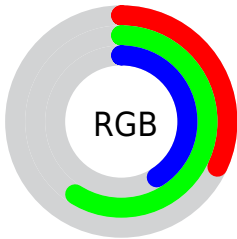
Format	Color
RYB	82, 133, 150
Decimal	5412457
CIELab	56.71, -32.04, 17.19
CIElCh	57, 36.362, 151.780
Yxy	24.6265, 0.2881, 0.4189
Android (android.graphics.Color)	4283602537 (0xFF529669)
YUV	124.5380, -9.6322, -37.3058
Hunter-Lab	49.6251, -25.9222, 14.1578

Details

The Yxy color **24.6265, 0.2881, 0.4189** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.0544, 0.3516, 0.2543**, and the grayscale version is **20.3864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2138, 0.2946, 0.3989**, and **9.4660, 0.2764, 0.4608** is the 20% darker color. If you saturate the color by 10%, you get **23.8344, 0.2844, 0.4433**, and if you desaturate by 10%, it is **25.5915, 0.2927, 0.3958**.

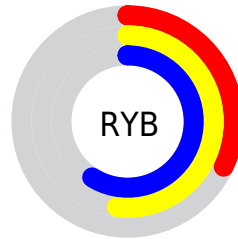
Distribution



Red (32%)

Green (59%)

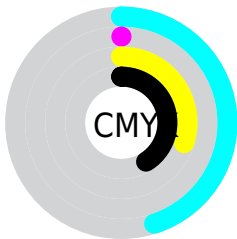
Blue (41%)



Red (32%)

Yellow (52%)

Blue (59%)

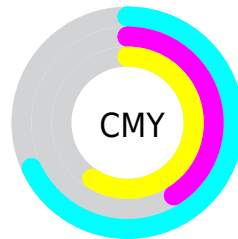


Cyan (45%)

Magenta (0%)

Yellow (30%)

Black (41%)



Cyan (68%)

Magenta (41%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.6265, 0.2881, 0.4189 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 24.6265, 0.2881, 0.4189 by changing the saturation by 10% instead.

■ 24.6265, 0.2881,
0.4189

■ 24.6265, 0.2881,
0.4189

■ 275.9727, 0.3030,
0.3667

■ 15.7990, 0.2832,
0.4351

■ 51.0506, 0.2943,
0.3978

■ 9.3820, 0.2760,
0.4581

■ 69.4161, 0.2963,
0.3906

■ 4.9912, 0.2644,
0.4936

■ 91.7296, 0.2980,
0.3847

■ 2.2421, 0.2436,
0.5553

■ 118.3757, 0.2994,
0.3799

■ 0.7428, 0.0000,
1.0000

■ 149.7386, 0.3005,
0.3758

■ 0.0000, 0.0000,
0.0000

186.2028, 0.3014,

0.3723

228.1528, 0.3022,
0.3693

■ 24.6265, 0.2881,
0.4189

■ 24.6265, 0.2881,
0.4189

■ 23.8344, 0.2844,
0.4433

■ 25.5915, 0.2927,
0.3958

■ 23.2016, 0.2820,
0.4684

■ 26.7360, 0.2980,
0.3744

■ 22.7175, 0.2811,
0.4932

■ 28.0697, 0.3037,
0.3549

■ 22.3686, 0.2818,
0.5167


■ 29.6010, 0.3096,
0.3375


■ 22.1374, 0.2842,
0.5380

■ 31.3377, 0.3155,
0.3220

 22.0493, 0.2853,
0.5472

 33.2870, 0.3212,
0.3083

 35.4559, 0.3268,
0.2964

 37.8511, 0.3321,
0.2859

 40.4790, 0.3371,
0.2768

Harmonies

Analogous

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



24.6265, 0.3493, 0.4440



24.6265, 0.2881, 0.4189



24.6265, 0.2366, 0.3603

Triad

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



24.6265, 0.2881, 0.4189



24.6265, 0.2236, 0.2327



24.6265, 0.4313, 0.3422

Complementary

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



24.6265, 0.2881, 0.4189



14.0544, 0.3516, 0.2543

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.



24.6265, 0.3907, 0.2958



24.6265, 0.2881, 0.4189



24.6265, 0.2675, 0.2356

Square

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



24.6265, 0.2881, 0.4189



24.6265, 0.2028, 0.2527



24.6265, 0.3286, 0.2581



24.6265, 0.4350, 0.3899

Rectangle

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



24.6265, 0.2881, 0.4189



24.6265, 0.2140, 0.3170



24.6265, 0.3286, 0.2581



24.6265, 0.4214, 0.3262

Sweetspot

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



24.6275, 0.2881, 0.4189



49.8022, 0.3043, 0.3530



26.9606, 0.3523, 0.4474



10.9269, 0.3032, 0.3566



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.



24.6275, 0.2881, 0.4189



42.0944, 0.2845, 0.4427



25.4620, 0.2617, 0.3502



6.4989, 0.3073, 0.3440



18.2926, 0.2850, 0.5459



0.2290, 0.2618, 0.4626

Inverse Universe

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



14.0544, 0.3516, 0.2543



21.0955, 0.3635, 0.2397



13.3181, 0.4091, 0.3098



5.8762, 0.3186, 0.3145



6.1356, 0.4261, 0.2121



0.0806, 0.3692, 0.1807

Previews

White Background



This preview shows how the Yxy color 24.6265, 0.2881, 0.4189 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 24.6265, 0.2881, 0.4189 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 24.6265, 0.2881, 0.4189

Background



This preview shows how black text looks on a background with the Yxy color 24.6265, 0.2881, 0.4189.



This preview shows how white text looks on a background with the Yxy color 24.6265, 0.2881, 0.4189.

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

24.6265, 0.2881, 0.4189

Protanopia

24.2295, 0.3647, 0.3919

Deuteranopia

24.2375, 0.3694, 0.3632



Tritanopia

24.6928, 0.2567, 0.3091

Trichromacy



Original Color

24.6265, 0.2881, 0.4189

Protanomaly

23.8333, 0.3322, 0.4008

Deuteranomaly

23.7199, 0.3351, 0.3811

Tritanomaly

24.5376, 0.2679, 0.3458

Monochromacy



Original Color

24.6265, 0.2881, 0.4189

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.6094, 0.3014, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6265, 0.2881, 0.4189 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(82, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(82, 150, 105)  
}
```

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(82, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 150, 105) }
```

Border

The CSS property to change the border of an element to Yxy 24.6265, 0.2881, 0.4189 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(82, 150, 105) }
```

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

```
.border{ border-color:rgb(82, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(82, 150,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6265, 0.2881, 0.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 150, 105) }
```

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

```
.background{ background-color: rgb(82, 150,  
105) }
```

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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