

Converting Colors

$Y_{xy}(25.8898, 0.2893, 0.4389)$

Have a look what the booklet for
Yxy(25.8898, 0.2893, 0.4389)
contains.

Yxy(25.9406, 0.2886, 0.4383)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Yxy(25.9406, 0.2886, 0.4383)$

Conversions

Conversions Part 1

Format	Color
Hex	4D9B64
RGB	77, 155, 100
RGB Percent	30%, 61%, 39%
CMY	0.6981, 0.3921, 0.6078
CMYK	0.50, 0.00, 0.35, 0.39
HSL	138°, 34%, 45%
HSV	138°, 50%, 61%
XYZ	17.0807, 25.9406, 16.1633
YIQ	125.4080, -28.8330, -33.6410

Conversions

Conversions Part 2

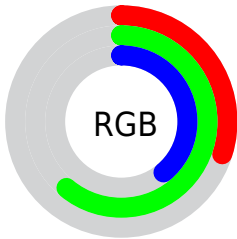
Format	Color
RYB	77, 137, 155
Decimal	5086052
CIELab	57.98, -36.72, 21.66
CIELCh	58, 42.633, 149.474
Yxy	25.9406, 0.2886, 0.4383
Android (android.graphics.Color)	4283276132 (0xFF4D9B64)
YUV	125.4080, -12.5261, -42.4538
Hunter-Lab	50.9319, -29.2686, 16.8366

Details

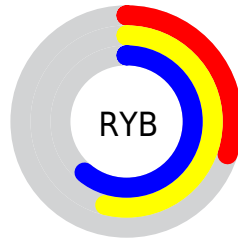
The Yxy color **25.9406, 0.2886, 0.4383** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.9390, 0.3523, 0.2415**, and the grayscale version is **20.7019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1528, 0.2952, 0.4131**, and **10.0767, 0.2750, 0.4842** is the 20% darker color. If you saturate the color by 10%, you get **25.1745, 0.2858, 0.4648**, and if you desaturate by 10%, it is **26.8908, 0.2924, 0.4128**.

Distribution



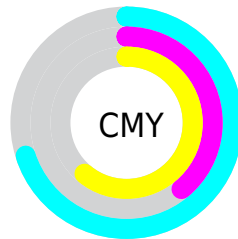
- Red (30%)
- Green (61%)
- Blue (39%)



- Red (30%)
- Yellow (54%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (35%)
- Black (39%)




- Cyan (70%)
- Magenta (39%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9406, 0.2886, 0.4383 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 25.9406, 0.2886, 0.4383 by changing the saturation by 10% instead.

 25.9406, 0.2886,
0.4383


 25.9406, 0.2886,
0.4383


282.4904, 0.3036,
0.3749


 16.7792, 0.2834,
0.4578


 53.1791, 0.2950,
0.4128


 10.0772, 0.2756,
0.4855


 72.0250, 0.2971,
0.4040


 5.4502, 0.2629,
0.5276

 94.8679, 0.2988,
0.3968

 2.5137, 0.2409,
0.6025

 122.0921, 0.3001,
0.3909

 0.8835, 0.0000,
1.0000

 154.0820, 0.3012,
0.3860

 0.0000, 0.0000,
0.0000

191.2221, 0.3022,

0.3817

233.8968, 0.3030,
0.3781

■ 25.9406, 0.2886,
0.4383

■ 25.9406, 0.2886,
0.4383

■ 25.1745, 0.2858,
0.4648

■ 26.8908, 0.2924,
0.4128

■ 24.5772, 0.2844,
0.4912

■ 28.0330, 0.2970,
0.3889

■ 24.1359, 0.2844,
0.5165

■ 29.3785, 0.3020,
0.3669

■ 23.8345, 0.2860,
0.5394

■ 30.9366, 0.3072,
0.3472

■ 23.6400, 0.2885,
0.5585

■ 32.7162, 0.3125,
0.3296

■ 34.7257, 0.3178,
0.3140

■ 36.9729, 0.3228,
0.3004

■ 39.4653, 0.3277,
0.2885

■ 42.2102, 0.3322,
0.2782

Harmonies

Analogous

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



25.9406, 0.3583, 0.4623



25.9406, 0.2886, 0.4383



25.9406, 0.2291, 0.3708

Triad

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



25.9406, 0.2886, 0.4383



25.9406, 0.2089, 0.2206



25.9406, 0.4471, 0.3381

Complementary

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



25.9406, 0.2886, 0.4383



13.9390, 0.3523, 0.2415

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.



25.9406, 0.3975, 0.2870



25.9406, 0.2886, 0.4383



25.9406, 0.2561, 0.2225

Square

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



25.9406, 0.2886, 0.4383



25.9406, 0.1879, 0.2442



25.9406, 0.3246, 0.2462



25.9406, 0.4538, 0.3920

Rectangle

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



25.9406, 0.2886, 0.4383



25.9406, 0.2027, 0.3196



25.9406, 0.3246, 0.2462



25.9406, 0.4348, 0.3204

Sweetspot

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



25.9417, 0.2886, 0.4383



53.9688, 0.3046, 0.3567



28.9585, 0.3601, 0.4590



12.0932, 0.3036, 0.3606



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.



25.9417, 0.2886, 0.4383



44.9809, 0.2857, 0.4670



26.8594, 0.2601, 0.3606



6.9541, 0.3078, 0.3451



18.9921, 0.2881, 0.5570



0.2897, 0.2660, 0.4777

Inverse Universe

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



13.9390, 0.3523, 0.2415



21.0478, 0.3643, 0.2257



13.0796, 0.4191, 0.3014



6.2926, 0.3180, 0.3134



6.4955, 0.4103, 0.2034



0.1034, 0.3636, 0.1777

Previews

White Background



This preview shows how the Yxy color 25.9406, 0.2886, 0.4383 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 25.9406, 0.2886, 0.4383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

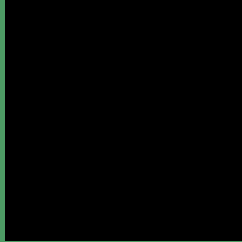
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9406, 0.2886, 0.4383

Background



This preview shows how black text looks on a background with the Yxy color 25.9406, 0.2886, 0.4383.



This preview shows how white text looks on a background with the Yxy color 25.9406, 0.2886, 0.4383.

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

25.9406, 0.2886, 0.4383

Protanopia

25.4513, 0.3746, 0.4032

Deuteranopia

25.5815, 0.3799, 0.3732



Tritanopia

25.9932, 0.2527, 0.3076

Trichromacy



Original Color

25.9406, 0.2886, 0.4383

Protanomaly

25.0020, 0.3371, 0.4161

Deuteranomaly

24.9346, 0.3414, 0.3962

Tritanomaly

25.9944, 0.2661, 0.3531

Monochromacy



Original Color

25.9406, 0.2886, 0.4383

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.0574, 0.3022, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9406, 0.2886, 0.4383 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(77, 155, 100)` looks like.

```
.text, #text, p{  
    color:rgb(77, 155, 100)  
}
```

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(77, 155, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 155, 100) }
```

Border

The CSS property to change the border of an element to Yxy 25.9406, 0.2886, 0.4383 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(77, 155, 100) }
```

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

```
.border{ border-color:rgb(77, 155, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 155, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 155, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 155, 100);  
box-shadow:4px 4px 4px 4px rgb(77, 155,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9406, 0.2886, 0.4383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 155, 100) }
```

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

```
.background{ background-color: rgb(77, 155,  
100) }
```

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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