

Converting Colors

$Y_{xy}(26.0385, 0.3081, 0.4117)$

Have a look what the booklet for
Yxy(26.0385, 0.3081, 0.4117)
contains.

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Color

Yxy(25.9175, 0.3088, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	6A966A
RGB	106, 150, 106
RGB Percent	42%, 59%, 42%
CMY	0.5844, 0.4117, 0.5843
CMYK	0.29, 0.00, 0.29, 0.41
HSL	120°, 17%, 50%
HSV	120°, 29%, 59%
XYZ	19.4491, 25.9175, 17.6163
YIQ	131.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

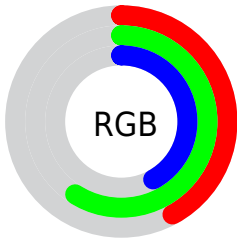
Format	Color
R_{YB}	106, 150, 150
Decimal	6985322
CIE _{Lab}	57.96, -24.15, 18.53
CIE _{LCh}	58, 30.441, 142.492
Yxy	25.9175, 0.3088, 0.4115
Android (android.graphics.Color)	4285175402 (0xFF6A966A)
YUV	131.8280, -12.7332, -22.6512
Hunter-Lab	50.9092, -20.8978, 15.1201

Details

The Yxy color $25.9175, 0.3088, 0.4115$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.9867, 0.3161, 0.2583$, and the grayscale version is $23.0576, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9235, 0.3098, 0.3916$, and $10.0990, 0.3059, 0.4469$ is the 20% darker color. If you saturate the color by 10%, you get $24.7938, 0.3072, 0.4452$, and if you desaturate by 10%, it is $27.2586, 0.3103, 0.3803$.

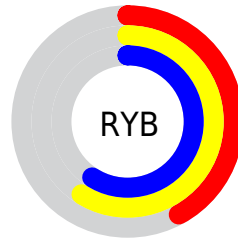
Distribution



Red (42%)

Green (59%)

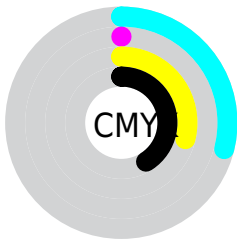
Blue (42%)



Red (42%)

Yellow (59%)

Blue (59%)

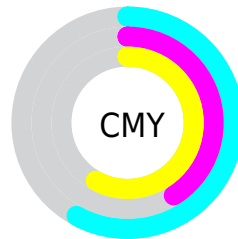


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (41%)



Cyan (58%)


Magenta (41%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9175, 0.3088, 0.4115 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 25.9175, 0.3088, 0.4115 by changing the saturation by 10% instead.


 25.9175, 0.3088,
0.4115

 25.9175, 0.3088,
0.4115


282.3769, 0.3120,
0.3643


 16.7619, 0.3074,
0.4257


 53.1418, 0.3104,
0.3927

 10.0649, 0.3050,
0.4458


 71.9794, 0.3108,
0.3861

 5.4420, 0.3006,
0.4760

 94.8130, 0.3112,
0.3808

 2.5089, 0.2913,
0.5264

 122.0272, 0.3114,
0.3764

 0.8811, 0.2196,
0.7804

154.0063, 0.3116,
0.3727

 0.0000, 0.0000,
0.0000

191.1346, 0.3118,

0.3695

233.7967, 0.3119,
0.3667

■ 25.9175, 0.3088,
0.4115

■ 25.9175, 0.3088,
0.4115

■ 24.7938, 0.3072,
0.4452

■ 27.2586, 0.3103,
0.3803

■ 23.8731, 0.3056,
0.4802

■ 28.8243, 0.3116,
0.3523

■ 23.1441, 0.3039,
0.5145

■ 30.6253, 0.3128,
0.3275

■ 22.5934, 0.3025,
0.5456

■ 32.6708, 0.3138,
0.3060

■ 22.2057, 0.3013,
0.5709

■ 34.9694, 0.3147,
0.2874

■ 21.9632, 0.3005,
0.5885

■ 37.5295, 0.3155,
0.2714

■ 21.8243, 0.3000,
0.5993

■ 40.3589, 0.3161,
0.2577

■ 21.8160, 0.3000,
0.5999

■ 43.4651, 0.3167,
0.2459

■ 46.8554, 0.3172,
0.2358

Harmonies

Analogous

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



25.9175, 0.3593, 0.4227



25.9175, 0.3088, 0.4115



25.9175, 0.2617, 0.3710

Triad

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



25.9175, 0.3088, 0.4115



25.9175, 0.2303, 0.2516



25.9175, 0.4027, 0.3288

Complementary

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



25.9175, 0.3088, 0.4115



18.9867, 0.3161, 0.2583

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.



25.9175, 0.3624, 0.2906



25.9175, 0.3088, 0.4115



25.9175, 0.2621, 0.2476

Square

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



25.9175, 0.3088, 0.4115



25.9175, 0.2190, 0.2758



25.9175, 0.3098, 0.2618



25.9175, 0.4161, 0.3695

Rectangle

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



25.9175, 0.3088, 0.4115



25.9175, 0.2382, 0.3361



25.9175, 0.3098, 0.2618



25.9175, 0.3917, 0.3154

Sweetspot

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



25.9186, 0.3088, 0.4115



50.9160, 0.3116, 0.3518



29.3404, 0.3557, 0.4000



11.1968, 0.3115, 0.3553



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.



25.9186, 0.3088, 0.4115



44.4354, 0.3078, 0.4326



26.4359, 0.2897, 0.3692



6.4685, 0.3116, 0.3518



18.0913, 0.3000, 0.5999



0.2214, 0.2998, 0.5994

Inverse Universe

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



18.9867, 0.3161, 0.2583



30.2397, 0.3168, 0.2434



18.3441, 0.3444, 0.2922



5.9091, 0.3138, 0.3072



7.1998, 0.3212, 0.1543



0.0881, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 25.9175, 0.3088, 0.4115 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 25.9175, 0.3088, 0.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

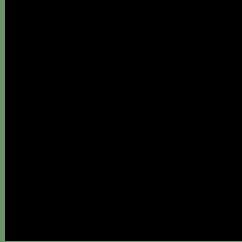
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9175, 0.3088, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 25.9175, 0.3088, 0.4115.



This preview shows how white text looks on a background with the Yxy color 25.9175, 0.3088, 0.4115.

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

25.9175, 0.3088, 0.4115

Protanopia

25.7944, 0.3644, 0.3920

Deuteranopia

25.5822, 0.3729, 0.3655



Tritanopia

25.9579, 0.2742, 0.3100

Trichromacy



Original Color

25.9175, 0.3088, 0.4115

Protanomaly

25.6107, 0.3419, 0.3991

Deuteranomaly

25.3201, 0.3476, 0.3802

Tritanomaly

25.8087, 0.2871, 0.3450

Monochromacy



Original Color

25.9175, 0.3088, 0.4115

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.1063, 0.3114, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9175, 0.3088, 0.4115 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(106, 150, 106)` looks like.

```
.text, #text, p{  
    color:rgb(106, 150, 106)  
}
```

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(106, 150, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 150, 106) }
```

Border

The CSS property to change the border of an element to Yxy 25.9175, 0.3088, 0.4115 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(106, 150, 106) }
```

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

```
.border{ border-color:rgb(106, 150, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 150, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 150, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 150, 106);  
box-shadow:4px 4px 4px 4px rgb(106, 150,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9175, 0.3088, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 150, 106) }
```

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

```
.background{ background-color: rgb(106,  
150, 106) }
```

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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