

Converting Colors

$Yxy(26.0347, 0.2967, 0.3821)$

Have a look what the booklet for
Yxy(26.0347, 0.2967, 0.3821)
contains.

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Color

Yxy(25.9768, 0.2975, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	6B9578
RGB	107, 149, 120
RGB Percent	42%, 58%, 47%
CMY	0.5805, 0.4157, 0.5294
CMYK	0.28, 0.00, 0.19, 0.42
HSL	139°, 17%, 50%
HSV	139°, 28%, 58%
XYZ	20.1989, 25.9768, 21.7198
YIQ	133.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

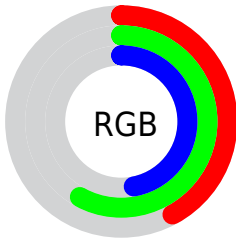
Format	Color
RYB	107, 139, 149
Decimal	7050616
CIELab	58.02, -20.65, 10.75
CIELCh	58, 23.284, 152.495
Yxy	25.9768, 0.2975, 0.3826
Android (android.graphics.Color)	4285240696 (0xFF6B9578)
YUV	133.1360, -6.4760, -22.9213
Hunter-Lab	50.9674, -18.4517, 10.4108

Details

The Yxy color $25.9768, 0.2975, 0.3826$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.6775, 0.3323, 0.2809$, and the grayscale version is $23.5347, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0614, 0.3011, 0.3706$, and $10.0898, 0.2916, 0.4058$ is the 20% darker color. If you saturate the color by 10%, you get $24.8963, 0.2927, 0.4055$, and if you desaturate by 10%, it is $27.2454, 0.3028, 0.3617$.

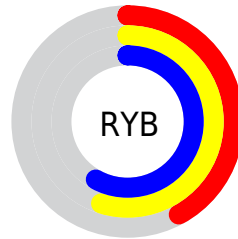
Distribution



Red (42%)

Green (58%)

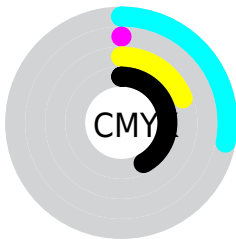
Blue (47%)



Red (42%)

Yellow (55%)

Blue (58%)

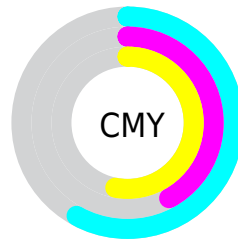


Cyan (28%)

Magenta (0%)

Yellow (19%)

Black (42%)



Cyan (58%)

Magenta (42%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9768, 0.2975, 0.3826 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 25.9768, 0.2975, 0.3826 by changing the saturation by 10% instead.

 25.9768, 0.2975,
0.3826


 25.9768, 0.2975,
0.3826


282.6682, 0.3063,
0.3523

 16.8063, 0.2948,
0.3917


 53.2375, 0.3011,
0.3706


 10.0965, 0.2909,
0.4044

 72.0965, 0.3023,
0.3664

 5.4630, 0.2849,
0.4235

 94.9538, 0.3033,
0.3629

 2.5214, 0.2745,
0.4554

 122.1937, 0.3041,
0.3601

 0.8873, 0.2354,
0.6158

154.2007, 0.3048,
0.3577

 0.0000, 0.0000,
0.0000

191.3592, 0.3054,

0.3556

234.0536, 0.3059,
0.3538

■ 25.9768, 0.2975,
0.3826

■ 25.9768, 0.2975,
0.3826

■ 24.8963, 0.2927,
0.4055

■ 27.2454, 0.3028,
0.3617

■ 23.9918, 0.2885,
0.4301

■ 28.7072, 0.3082,
0.3429

■ 23.2544, 0.2854,
0.4558

■ 30.3713, 0.3137,
0.3262

■ 22.6734, 0.2835,
0.4817

■ 32.2450, 0.3191,
0.3114

■ 22.2368, 0.2832,
0.5070

■ 34.3353, 0.3243,
0.2985

■ 21.9306, 0.2844,
0.5304

■ 36.6491, 0.3293,
0.2872

■ 21.7283, 0.2869,
0.5509

■ 39.1926, 0.3340,
0.2773

■ 21.6962, 0.2873,
0.5543

■ 41.9722, 0.3384,
0.2687

■ 44.9936, 0.3426,
0.2613

Harmonies

Analogous

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



25.9768, 0.3369, 0.3996



25.9768, 0.2975, 0.3826



25.9768, 0.2637, 0.3481

Triad

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



25.9768, 0.2975, 0.3826



25.9768, 0.2553, 0.2660



25.9768, 0.3873, 0.3406

Complementary

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



25.9768, 0.2975, 0.3826



18.6775, 0.3323, 0.2809

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.



25.9768, 0.3627, 0.3089



25.9768, 0.2975, 0.3826



25.9768, 0.2853, 0.2674

Square

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



25.9768, 0.2975, 0.3826



25.9768, 0.2405, 0.2805



25.9768, 0.3245, 0.2829



25.9768, 0.3901, 0.3716

Rectangle

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



25.9768, 0.2975, 0.3826



25.9768, 0.2483, 0.3222



25.9768, 0.3245, 0.2829



25.9768, 0.3812, 0.3298

Sweetspot

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



25.9779, 0.2975, 0.3826



51.4178, 0.3082, 0.3428



27.8261, 0.3400, 0.4005



11.3091, 0.3075, 0.3453



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.



25.9779, 0.2975, 0.3826



45.2253, 0.2943, 0.3972



26.5330, 0.2798, 0.3439



6.4963, 0.3077, 0.3446



18.2631, 0.2870, 0.5531



0.2284, 0.2643, 0.4713

Inverse Universe

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



18.6775, 0.3323, 0.2809



29.8889, 0.3380, 0.2695



18.1472, 0.3602, 0.3147



5.8789, 0.3182, 0.3138



6.2042, 0.4156, 0.2063



0.0812, 0.3641, 0.1780

Previews

White Background



This preview shows how the Yxy color 25.9768, 0.2975, 0.3826 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 25.9768, 0.2975, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

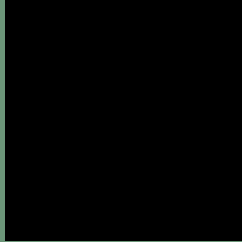
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9768, 0.2975, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 25.9768, 0.2975, 0.3826.



This preview shows how white text looks on a background with the Yxy color 25.9768, 0.2975, 0.3826.

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

25.9768, 0.2975, 0.3826

Protanopia

25.9061, 0.3470, 0.3690

Deuteranopia

25.7494, 0.3527, 0.3467



Tritanopia

25.9242, 0.2725, 0.3083

Trichromacy



Original Color

25.9768, 0.2975, 0.3826

Protanomaly

25.8348, 0.3267, 0.3744

Deuteranomaly

25.3593, 0.3303, 0.3580

Tritanomaly

25.9204, 0.2810, 0.3342

Monochromacy



Original Color

25.9768, 0.2975, 0.3826

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3088, 0.3075, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9768, 0.2975, 0.3826 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(107, 149, 120)` looks like.

```
.text, #text, p{  
    color:rgb(107, 149, 120)  
}
```

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(107, 149, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 149, 120) }
```

Border

The CSS property to change the border of an element to Yxy 25.9768, 0.2975, 0.3826 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(107, 149, 120) }
```

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

```
.border{ border-color:rgb(107, 149, 120) }
```

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

Here you see how a box with a 4 pixel rgb(107, 149, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 149, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 149, 120);  
box-shadow:4px 4px 4px 4px rgb(107, 149,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9768, 0.2975, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 149, 120) }
```

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

```
.background{ background-color: rgb(107,  
149, 120) }
```

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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