

Converting Colors

$Y_{xy}(25.0861, 0.3076, 0.4135)$

Have a look what the booklet for
Yxy(25.0861, 0.3076, 0.4135)
contains.

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Color

$\text{Yxy}(25.0628, 0.3078, 0.4129)$

Conversions

Conversions Part 1

Format	Color
Hex	679468
RGB	103, 148, 104
RGB Percent	40%, 58%, 41%
CMY	0.5960, 0.4196, 0.5921
CMYK	0.30, 0.00, 0.30, 0.42
HSL	121°, 18%, 49%
HSV	121°, 30%, 58%
XYZ	18.6833, 25.0628, 16.9534
YIQ	129.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

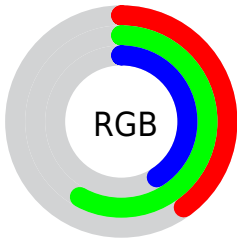
Format	Color
RYB	103, 147, 148
Decimal	6788200
CIELab	57.14, -24.52, 18.50
CIElCh	57, 30.720, 142.968
Yxy	25.0628, 0.3078, 0.4129
Android (android.graphics.Color)	4284978280 (0xFF679468)
YUV	129.5290, -12.5858, -23.2659
Hunter-Lab	50.0628, -20.9941, 14.9658

Details

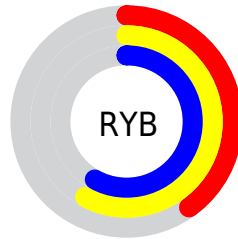
The Yxy color $25.0628, 0.3078, 0.4129$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.1044, 0.3174, 0.2573$, and the grayscale version is $22.1982, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5762, 0.3097, 0.3938$, and $9.6192, 0.3044, 0.4498$ is the 20% darker color. If you saturate the color by 10%, you get $23.9954, 0.3060, 0.4461$, and if you desaturate by 10%, it is $26.3377, 0.3095, 0.3821$.

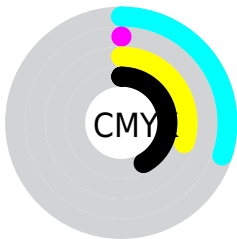
Distribution



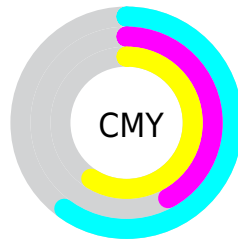
- Red (40%)
- Green (58%)
- Blue (41%)



- Red (40%)
- Yellow (58%)
- Blue (58%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (42%)





- Cyan (60%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0628, 0.3078, 0.4129 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 25.0628, 0.3078, 0.4129 by changing the saturation by 10% instead.


 25.0628, 0.3078,
0.4129


 25.0628, 0.3078,
0.4129


278.1505, 0.3116,
0.3647

 16.1238, 0.3062,
0.4276


 51.7591, 0.3096,
0.3936


 9.6118, 0.3034,
0.4484


 70.2852, 0.3102,
0.3869

 5.1424, 0.2985,
0.4800

 92.7758, 0.3106,
0.3814

 2.3310, 0.2886,
0.5344

 119.6154, 0.3109,
0.3769

 0.7901, 0.1616,
0.8384

151.1882, 0.3111,
0.3731

 0.0000, 0.0000,
0.0000

187.8788, 0.3113,

0.3699

230.0714, 0.3115,
0.3671

■ 25.0628, 0.3078,
0.4129

■ 25.0628, 0.3078,
0.4129

■ 23.9954, 0.3060,
0.4461

■ 26.3377, 0.3095,
0.3821

■ 23.1216, 0.3042,
0.4804

■ 27.8269, 0.3112,
0.3544

■ 22.4306, 0.3026,
0.5142


■ 29.5407, 0.3127,
0.3299


■ 21.9096, 0.3013,
0.5448


■ 31.4880, 0.3140,
0.3085

■ 21.5439, 0.3003,
0.5699

■ 33.6769, 0.3152,
0.2901

 21.3162, 0.2999,
0.5877

 36.1155, 0.3163,
0.2741

 21.1873, 0.2995,
0.5982

 38.8112, 0.3172,
0.2604

 41.7713, 0.3180,
0.2487

 45.0026, 0.3187,
0.2385

Harmonies

Analogous

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



25.0628, 0.3594, 0.4248



25.0628, 0.3078, 0.4129



25.0628, 0.2599, 0.3711

Triad

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



25.0628, 0.3078, 0.4129



25.0628, 0.2291, 0.2499



25.0628, 0.4050, 0.3293

Complementary

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



25.0628, 0.3078, 0.4129



18.1044, 0.3174, 0.2573

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.



25.0628, 0.3642, 0.2904



25.0628, 0.3078, 0.4129



25.0628, 0.2618, 0.2462

Square

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



25.0628, 0.3078, 0.4129



25.0628, 0.2173, 0.2741



25.0628, 0.3106, 0.2610



25.0628, 0.4182, 0.3708

Rectangle

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



25.0628, 0.3078, 0.4129



25.0628, 0.2363, 0.3354



25.0628, 0.3106, 0.2610



25.0628, 0.3939, 0.3157

Sweetspot

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



25.0639, 0.3078, 0.4129



49.4462, 0.3114, 0.3513



28.3857, 0.3563, 0.4027



11.2005, 0.3112, 0.3547



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.



25.0639, 0.3078, 0.4129



42.9913, 0.3067, 0.4336



25.5770, 0.2883, 0.3693



6.4704, 0.3114, 0.3513



18.0977, 0.2994, 0.5980



0.2219, 0.2967, 0.5881

Inverse Universe

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



18.1044, 0.3174, 0.2573



28.8313, 0.3184, 0.2427



17.4725, 0.3469, 0.2921



5.9070, 0.3141, 0.3077



7.1162, 0.3264, 0.1572



0.0877, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 25.0628, 0.3078, 0.4129 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 25.0628, 0.3078, 0.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

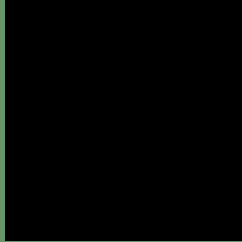
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0628, 0.3078, 0.4129

Background



This preview shows how black text looks on a background with the Yxy color 25.0628, 0.3078, 0.4129.



This preview shows how white text looks on a background with the Yxy color 25.0628, 0.3078, 0.4129.

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

25.0628, 0.3078, 0.4129

Protanopia

24.9952, 0.3651, 0.3928

Deuteranopia

24.7889, 0.3737, 0.3659



Tritanopia

25.0907, 0.2729, 0.3097

Trichromacy



Original Color

25.0628, 0.3078, 0.4129

Protanomaly

24.8146, 0.3423, 0.4000

Deuteranomaly

24.4418, 0.3468, 0.3810

Tritanomaly

24.9470, 0.2859, 0.3453

Monochromacy



Original Color

25.0628, 0.3078, 0.4129

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.2649, 0.3102, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0628, 0.3078, 0.4129 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(103, 148, 104)` looks like.

```
.text, #text, p{  
    color:rgb(103, 148, 104)  
}
```

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(103, 148, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 148, 104) }
```

Border

The CSS property to change the border of an element to Yxy 25.0628, 0.3078, 0.4129 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(103, 148, 104) }
```

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

```
.border{ border-color:rgb(103, 148, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 148, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 148, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 148, 104);  
box-shadow:4px 4px 4px 4px rgb(103, 148,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0628, 0.3078, 0.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 148, 104) }
```

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

```
.background{ background-color: rgb(103,  
148, 104) }
```

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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