

Converting Colors

$Y_{xy}(25.1756, 0.3092, 0.4029)$

Have a look what the booklet for
Yxy(25.1756, 0.3092, 0.4029)
contains.

Yxy(25.1383, 0.3093, 0.4023)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(25.1383, 0.3093, 0.4023)$

Conversions

Conversions Part 1

Format	Color
Hex	6C936C
RGB	108, 147, 108
RGB Percent	42%, 58%, 42%
CMY	0.5764, 0.4235, 0.5765
CMYK	0.27, 0.00, 0.27, 0.42
HSL	120°, 15%, 50%
HSV	120°, 27%, 58%
XYZ	19.3271, 25.1383, 18.0211
YIQ	130.8930, -10.7250, -20.3970

Conversions

Conversions Part 2

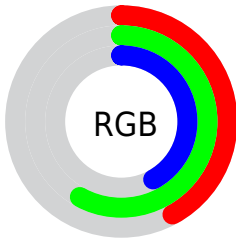
Format	Color
R_{YB}	108, 147, 147
Decimal	7115628
CIE _{Lab}	57.21, -21.54, 16.42
CIE _{LCh}	57, 27.081, 142.688
Yxy	25.1383, 0.3093, 0.4023
Android (android.graphics.Color)	4285305708 (0xFF6C936C)
YUV	130.8930, -11.2862, -20.0772
Hunter-Lab	50.1381, -18.9341, 13.7861

Details

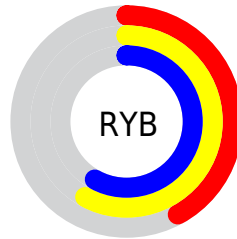
The Yxy color $25.1383, 0.3093, 0.4023$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.0329, 0.3157, 0.2652$, and the grayscale version is $22.7029, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7849, 0.3101, 0.3848$, and $9.6218, 0.3064, 0.4335$ is the 20% darker color. If you saturate the color by 10%, you get $24.0072, 0.3078, 0.4354$, and if you desaturate by 10%, it is $26.4796, 0.3107, 0.3720$.

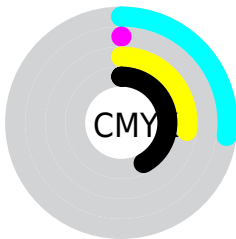
Distribution



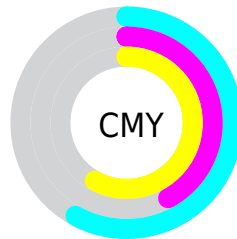
- Red (42%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (58%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (42%)





- Cyan (58%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1383, 0.3093, 0.4023 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 25.1383, 0.3093, 0.4023 by changing the saturation by 10% instead.


 25.1383, 0.3093,
0.4023


 25.1383, 0.3093,
0.4023


278.5260, 0.3120,
0.3604


 16.1801, 0.3081,
0.4150


 51.8815, 0.3106,
0.3855


 9.6517, 0.3061,
0.4329


 70.4353, 0.3110,
0.3797

 5.1686, 0.3025,
0.4601

 92.9565, 0.3113,
0.3750

 2.3465, 0.2947,
0.5056

 119.8293, 0.3115,
0.3711

 0.7982, 0.2258,
0.7742

151.4383, 0.3117,
0.3678

 0.0000, 0.0000,
0.0000

188.1678, 0.3118,

0.3649

230.4023, 0.3119,
0.3625

■ 25.1383, 0.3093,
0.4023

■ 25.1383, 0.3093,
0.4023

■ 24.0072, 0.3078,
0.4354

■ 26.4796, 0.3107,
0.3720

■ 23.0726, 0.3061,
0.4701

■ 28.0375, 0.3120,
0.3449

■ 22.3243, 0.3045,
0.5048

■ 29.8221, 0.3131,
0.3211

■ 21.7498, 0.3030,
0.5370

■ 31.8422, 0.3140,
0.3005

■ 21.3351, 0.3017,
0.5642

■ 34.1057, 0.3149,
0.2826

■ 21.0642, 0.3008,
0.5842

■ 36.6204, 0.3156,
0.2673

■ 20.9116, 0.3002,
0.5963

■ 39.3938, 0.3162,
0.2542

■ 20.8675, 0.3000,
0.6000

■ 42.4328, 0.3167,
0.2429

■ 45.7443, 0.3172,
0.2332

Harmonies

Analogous

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



25.1383, 0.3549, 0.4131



25.1383, 0.3093, 0.4023



25.1383, 0.2666, 0.3663

Triad

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



25.1383, 0.3093, 0.4023



25.1383, 0.2381, 0.2589



25.1383, 0.3936, 0.3295

Complementary

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



25.1383, 0.3093, 0.4023



19.0329, 0.3157, 0.2652

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.



25.1383, 0.3577, 0.2946



25.1383, 0.3093, 0.4023



25.1383, 0.2674, 0.2551

Square

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



25.1383, 0.3093, 0.4023



25.1383, 0.2277, 0.2812



25.1383, 0.3106, 0.2681



25.1383, 0.4057, 0.3666

Rectangle

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



25.1383, 0.3093, 0.4023



25.1383, 0.2453, 0.3354



25.1383, 0.3106, 0.2681



25.1383, 0.3838, 0.3173

Sweetspot

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



25.1394, 0.3093, 0.4023



49.7287, 0.3118, 0.3491



27.9510, 0.3517, 0.3921



11.2591, 0.3116, 0.3528



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.



25.1394, 0.3093, 0.4023



43.7364, 0.3084, 0.4223



25.5836, 0.2924, 0.3659



6.4686, 0.3117, 0.3518



18.0915, 0.3000, 0.6000



0.2215, 0.3001, 0.5999

Inverse Universe

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



19.0329, 0.3157, 0.2652



30.8553, 0.3164, 0.2505



18.4909, 0.3397, 0.2949



5.9090, 0.3137, 0.3072



7.1971, 0.3208, 0.1541



0.0881, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 25.1383, 0.3093, 0.4023 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 25.1383, 0.3093, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

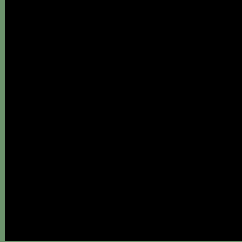
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1383, 0.3093, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 25.1383, 0.3093, 0.4023.



This preview shows how white text looks on a background with the Yxy color 25.1383, 0.3093, 0.4023.

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

25.1383, 0.3093, 0.4023

Protanopia

25.0736, 0.3608, 0.3861

Deuteranopia

25.0212, 0.3686, 0.3628



Tritanopia

25.0298, 0.2772, 0.3098

Trichromacy



Original Color

25.1383, 0.3093, 0.4023

Protanomaly

25.0562, 0.3406, 0.3924

Deuteranomaly

24.5926, 0.3448, 0.3756

Tritanomaly

24.9332, 0.2887, 0.3415

Monochromacy



Original Color

25.1383, 0.3093, 0.4023

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.5323, 0.3115, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1383, 0.3093, 0.4023 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(108, 147, 108)` looks like.

```
.text, #text, p{  
    color:rgb(108, 147, 108)  
}
```

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(108, 147, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 147, 108) }
```

Border

The CSS property to change the border of an element to Yxy 25.1383, 0.3093, 0.4023 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(108, 147, 108) }
```

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

```
.border{ border-color:rgb(108, 147, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 147, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 147, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 147, 108);  
box-shadow:4px 4px 4px 4px rgb(108, 147,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1383, 0.3093, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 147, 108) }
```

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

```
.background{ background-color: rgb(108,  
147, 108) }
```

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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