

Converting Colors

$Y_{xy}(23.2063, 0.2984, 0.3658)$

Have a look what the booklet for
Yxy(23.2063, 0.2984, 0.3658)
contains.

Yxy(23.3004, 0.2984, 0.3668) 3

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Color

$Y_{xy}(23.3004, 0.2984, 0.3668)$

Conversions

Conversions Part 1	
Format	Color
Hex	6C8C78
RGB	108, 140, 120
RGB Percent	42%, 55%, 47%
CMY	0.5763, 0.4510, 0.5294
CMYK	0.23, 0.00, 0.14, 0.45
HSL	142°, 13%, 49%
HSV	142°, 23%, 55%
XYZ	18.9554, 23.3004, 21.2676
YIQ	128.1520, -12.6520, -13.0040

Conversions

Conversions Part 2

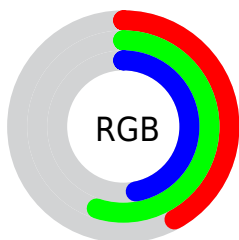
Format	Color
RYB	108, 131, 140
Decimal	7113848
CIELab	55.38, -15.55, 7.03
CIELCh	55, 17.064, 155.680
Yxy	23.3004, 0.2984, 0.3668
Android (android.graphics.Color)	4285303928 (0xFF6C8C78)
YUV	128.1520, -4.0189, -17.6733
Hunter-Lab	48.2705, -14.3780, 7.6666

Details

The Yxy color $23.3004, 0.2984, 0.3668$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.8663, 0.3304, 0.2940$, and the grayscale version is $21.6619, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.0357, 0.3019, 0.3590$, and $8.7409, 0.2922, 0.3818$ is the 20% darker color. If you saturate the color by 10%, you get $22.2896, 0.2926, 0.3864$, and if you desaturate by 10%, it is $24.4736, 0.3046, 0.3491$.

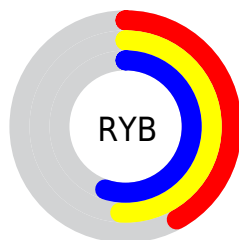
Distribution



Red (42%)

Green (55%)

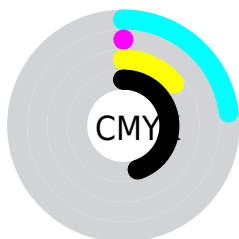
Blue (47%)



Red (42%)

Yellow (51%)

Blue (55%)

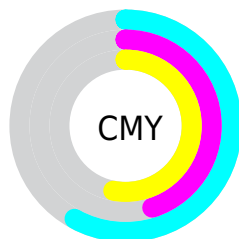


Cyan (23%)

Magenta (0%)

Yellow (14%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3004, 0.2984, 0.3668 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 23.3004, 0.2984, 0.3668 by changing the saturation by 10% instead.


 23.3004, 0.2984,
0.3668


 23.3004, 0.2984,
0.3668


269.2642, 0.3066,
0.3452

 14.8155, 0.2959,
0.3733


 48.8861, 0.3017,
0.3582


 8.6900, 0.2923,
0.3826


 66.7557, 0.3028,
0.3552

 4.5395, 0.2868,
0.3967


 88.5223, 0.3038,
0.3528

 1.9797, 0.2773,
0.4208

 114.5703, 0.3045,
0.3508

 0.5956, 0.1986,
0.6340

145.2841, 0.3052,
0.3491

 0.0000, 0.0000,
0.0000


181.0481, 0.3057,


0.3476


222.2466, 0.3062,
0.3463


 23.3004, 0.2984,
0.3668


 23.3004, 0.2984,
0.3668


 22.2896, 0.2926,
0.3864


 24.4736, 0.3046,
0.3491


 21.4310, 0.2874,
0.4076


 25.8130, 0.3109,
0.3332

 20.7178, 0.2831,
0.4302


 27.3259, 0.3172,
0.3191


 20.1415, 0.2801,
0.4537


 29.0185, 0.3235,
0.3066


 19.6926, 0.2785,
0.4773


 30.8964, 0.3295,
0.2957

 19.3605, 0.2787,
0.5004

 32.9651, 0.3352,
0.2861

 19.1325, 0.2805,
0.5218

 35.2298, 0.3407,
0.2777

 19.0069, 0.2823,
0.5361

 37.6957, 0.3458,
0.2704

 40.3675, 0.3507,
0.2641

Harmonies

Analogous

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



23.3004, 0.3284, 0.3814



23.3004, 0.2984, 0.3668



23.3004, 0.2730, 0.3406

Triad

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



23.3004, 0.2984, 0.3668



23.3004, 0.2706, 0.2801



23.3004, 0.3702, 0.3413

Complementary

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



23.3004, 0.2984, 0.3668



17.8663, 0.3304, 0.2940

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.



23.3004, 0.3532, 0.3163



23.3004, 0.2984, 0.3668



23.3004, 0.2949, 0.2821

Square

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



23.3004, 0.2984, 0.3668



23.3004, 0.2576, 0.2905



23.3004, 0.3252, 0.2951



23.3004, 0.3708, 0.3645

Rectangle

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



23.3004, 0.2984, 0.3668



23.3004, 0.2619, 0.3213



23.3004, 0.3252, 0.2951



23.3004, 0.3662, 0.3329

Sweetspot

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



23.3014, 0.2984, 0.3668



44.4562, 0.3082, 0.3398



24.4492, 0.3323, 0.3863



10.2171, 0.3079, 0.3406



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.3014, 0.2984, 0.3668



40.2043, 0.2956, 0.3758



23.7153, 0.2839, 0.3368



5.6372, 0.3069, 0.3430



16.8930, 0.2820, 0.5352



0.1149, 0.2589, 0.4519

Inverse Universe

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



17.8663, 0.3304, 0.2940



29.0128, 0.3350, 0.2864



17.4834, 0.3516, 0.3215



5.0977, 0.3190, 0.3154



5.5778, 0.4396, 0.2195



0.0399, 0.3760, 0.1845

Previews

White Background



This preview shows how the Yxy color 23.3004, 0.2984, 0.3668 looks on a white background.

Color Contrast Check

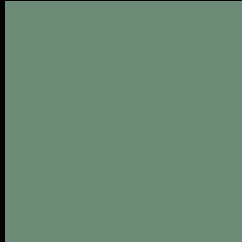
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3004, 0.2984, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

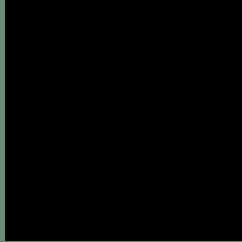
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

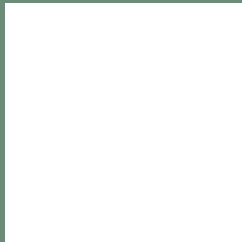
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.3004, 0.2984, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 23.3004, 0.2984, 0.3668.



This preview shows how white text looks on a background with the Yxy color 23.3004, 0.2984, 0.3668.

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

23.3004, 0.2984, 0.3668

Protanopia

23.1668, 0.3372, 0.3570

Deuteranopia



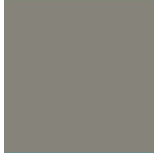

23.2580, 0.3437, 0.3374






Tritanopia

23.2256, 0.2781, 0.3093

Trichromacy

	Original Color 23.3004, 0.2984, 0.3668
	Protanomaly 23.1243, 0.3225, 0.3616
	Deuteranomaly 22.9760, 0.3258, 0.3466
	Tritanomaly 23.0770, 0.2853, 0.3289

Monochromacy

	Original Color 23.3004, 0.2984, 0.3668
	Achromatopsia 21.5861, 0.3127, 0.3290
	Achromatomaly 22.0481, 0.3076, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3004, 0.2984, 0.3668 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, 140, 120)` looks like.

```
.text, #text, p{  
    color:rgb(108, 140, 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(108, 140, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 140, 120) }
```

Border

The CSS property to change the border of an element to Yxy 23.3004, 0.2984, 0.3668 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, 140, 120) }
```

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

```
.border{ border-color:rgb(108, 140, 120) }
```

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

Here you see how a box with a 4 pixel rgb(108, 140, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 140, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 140, 120);  
box-shadow:4px 4px 4px 4px rgb(108, 140,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3004, 0.2984, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 140, 120) }
```

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

```
.background{ background-color: rgb(108,  
140, 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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