

Converting Colors

$Y_{xy}(23.3827, 0.3213, 0.4196)$

Have a look what the booklet for
Yxy(23.3827, 0.3213, 0.4196)
contains.

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Color

Yxy(23.3604, 0.3219, 0.4196)

Conversions

Conversions Part 1

Format	Color
Hex	6C8E5F
RGB	108, 142, 95
RGB Percent	42%, 56%, 37%
CMY	0.5765, 0.4431, 0.6274
CMYK	0.24, 0.00, 0.33, 0.44
HSL	103°, 20%, 46%
HSV	103°, 33%, 56%
XYZ	17.9211, 23.3604, 14.3915
YIQ	126.4760, -5.1770, -21.8250

Conversions

Conversions Part 2

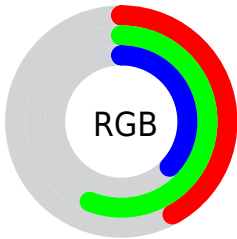
Format	Color
R_{YB}	95, 142, 129
Decimal	7114335
CIE Lab	55.44, -21.23, 21.30
CIE LCh	55, 30.069, 134.904
Yxy	23.3604, 0.3219, 0.4196
Android (android.graphics.Color)	4285304415 (0xFF6C8E5F)
YUV	126.4760, -15.5177, -16.2035
Hunter-Lab	48.3326, -18.3964, 16.1787

Details

The Yxy color **23.3604, 0.3219, 0.4196** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.8079, 0.2988, 0.2454**, and the grayscale version is **21.0893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0288, 0.3204, 0.3985**, and **8.7975, 0.3222, 0.4598** is the 20% darker color. If you saturate the color by 10%, you get **22.5193, 0.3237, 0.4511**, and if you desaturate by 10%, it is **24.3266, 0.3195, 0.3895**.

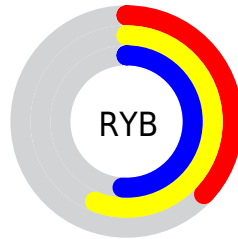
Distribution



Red (42%)

Green (56%)

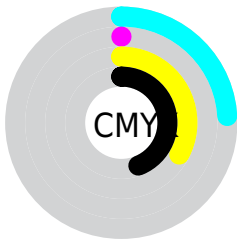
Blue (37%)



Red (37%)

Yellow (56%)

Blue (51%)

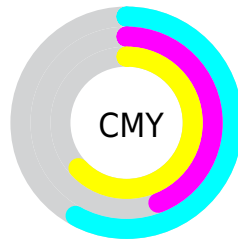


Cyan (24%)

Magenta (0%)

Yellow (33%)

Black (44%)



Cyan (58%)


Magenta (44%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3604, 0.3219, 0.4196 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 23.3604, 0.3219, 0.4196 by changing the saturation by 10% instead.


 23.3604, 0.3219,
0.4196


 23.3604, 0.3219,
0.4196

269.5707, 0.3180,
0.3672


 14.8599, 0.3223,
0.4357


 48.9844, 0.3208,
0.3985

 8.7211, 0.3223,
0.4586


 66.8767, 0.3203,
0.3912

 4.5597, 0.3208,
0.4934

 88.6683, 0.3198,
0.3853

 1.9913, 0.3245,
0.5691

 114.7437, 0.3193,
0.3804

 0.6024, 0.0828,
0.9172

145.4873, 0.3190,
0.3763

 0.0000, 0.0000,
0.0000

181.2833, 0.3186,

0.3728

222.5164, 0.3183,
0.3698

■ 23.3604, 0.3219,
0.4196

■ 23.3604, 0.3219,
0.4196

■ 22.5193, 0.3237,
0.4511

■ 24.3266, 0.3195,
0.3895

■ 21.7952, 0.3246,
0.4830

■ 25.4197, 0.3167,
0.3617

■ 21.1834, 0.3243,
0.5137


■ 26.6454, 0.3137,
0.3363


■ 20.6778, 0.3228,
0.5413


■ 28.0080, 0.3106,
0.3136

■ 20.2717, 0.3200,
0.5640

■ 29.5117, 0.3075,
0.2934


 19.9575, 0.3161,
0.5804

 31.1605, 0.3045,
0.2755

 19.7835, 0.3134,
0.5894

 32.9581, 0.3017,
0.2598

 34.9082, 0.2990,
0.2460

 37.0145, 0.2964,
0.2338

Harmonies

Analogous

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



23.3604, 0.3721, 0.4226



23.3604, 0.3219, 0.4196



23.3604, 0.2716, 0.3846

Triad

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



23.3604, 0.3219, 0.4196



23.3604, 0.2236, 0.2542



23.3604, 0.3965, 0.3183

Complementary

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



23.3604, 0.3219, 0.4196



14.8079, 0.2988, 0.2454

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.



23.3604, 0.3503, 0.2813



23.3604, 0.3219, 0.4196



23.3604, 0.2510, 0.2451

Square

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



23.3604, 0.3219, 0.4196



23.3604, 0.2177, 0.2840



23.3604, 0.2963, 0.2552



23.3604, 0.4180, 0.3598

Rectangle

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



23.3604, 0.3219, 0.4196



23.3604, 0.2447, 0.3499



23.3604, 0.2963, 0.2552



23.3604, 0.3831, 0.3051

Sweetspot

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



23.3614, 0.3219, 0.4196



45.4209, 0.3158, 0.3541



22.1966, 0.3675, 0.3878



10.0873, 0.3162, 0.3573



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.



23.3614, 0.3219, 0.4196



40.0246, 0.3233, 0.4439



22.8051, 0.2991, 0.4023



6.0970, 0.3155, 0.3514



17.7689, 0.3136, 0.5892



0.1797, 0.3442, 0.5649

Inverse Universe

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



14.8079, 0.2988, 0.2454



22.4513, 0.2945, 0.2251



15.5976, 0.3302, 0.2655



5.4372, 0.3096, 0.3070



4.3412, 0.2537, 0.1171



0.0525, 0.2869, 0.1354

Previews

White Background



This preview shows how the Yxy color 23.3604, 0.3219, 0.4196 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 23.3604, 0.3219, 0.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

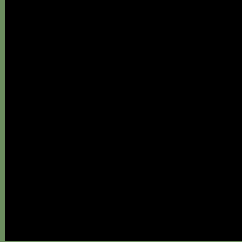
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3604, 0.3219, 0.4196

Background



This preview shows how black text looks on a background with the Yxy color 23.3604, 0.3219, 0.4196.



This preview shows how white text looks on a background with the Yxy color 23.3604, 0.3219, 0.4196.

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

23.3604, 0.3219, 0.4196

Protanopia

23.0975, 0.3715, 0.3997

Deuteranopia

23.1285, 0.3827, 0.3766



Tritanopia

23.3966, 0.2819, 0.3112

Trichromacy



Original Color

23.3604, 0.3219, 0.4196

Protanomaly

23.1269, 0.3523, 0.4086

Deuteranomaly

22.8546, 0.3598, 0.3905

Tritanomaly

23.2200, 0.2968, 0.3493

Monochromacy



Original Color

23.3604, 0.3219, 0.4196

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.6623, 0.3158, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3604, 0.3219, 0.4196 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, 142, 95)` looks like.

```
.text, #text, p{  
    color:rgb(108, 142, 95)  
}
```

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, 142, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 142, 95) }
```

Border

The CSS property to change the border of an element to Yxy 23.3604, 0.3219, 0.4196 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, 142, 95) }
```

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

```
.border{ border-color:rgb(108, 142, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 142, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 142, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 142, 95);  
box-shadow:4px 4px 4px 4px rgb(108, 142,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3604, 0.3219, 0.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 142, 95) }
```

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

```
.background{ background-color: rgb(108,  
142, 95) }
```

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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