

Converting Colors

$Y_{xy}(23.2848, 0.3284, 0.4206)$

Have a look what the booklet for
Yxy(23.2848, 0.3284, 0.4206)
contains.

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Color

Yxy(23.2848, 0.3284, 0.4206)

Conversions

Conversions Part 1

Format	Color
Hex	708D5D
RGB	112, 141, 93
RGB Percent	44%, 55%, 36%
CMY	0.5609, 0.4470, 0.6352
CMYK	0.21, 0.00, 0.34, 0.45
HSL	96°, 21%, 46%
HSV	96°, 34%, 55%
XYZ	18.1805, 23.2848, 13.8956
YIQ	126.8570, -1.8760, -21.0760

Conversions

Conversions Part 2

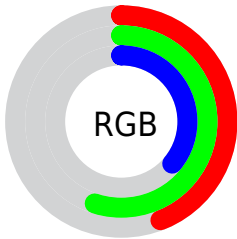
Format	Color
R_{YB}	93, 141, 122
Decimal	7376221
CIE _{Lab}	55.36, -19.52, 22.35
CIE _{LCh}	55, 29.671, 131.131
Yxy	23.2848, 0.3284, 0.4206
Android (android.graphics.Color)	4285566301 (0xFF708D5D)
YUV	126.8570, -16.6915, -13.0296
Hunter-Lab	48.2543, -17.1926, 16.7045

Details

The Yxy color $23.2848, 0.3284, 0.4206$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.8964, 0.2907, 0.2410$, and the grayscale version is $21.2297, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.9363, 0.3253, 0.3994$, and $8.7362, 0.3314, 0.4608$ is the 20% darker color. If you saturate the color by 10%, you get $22.5253, 0.3318, 0.4509$, and if you desaturate by 10%, it is $24.1455, 0.3242, 0.3914$.

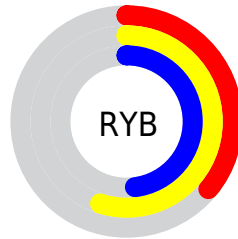
Distribution



Red (44%)

Green (55%)

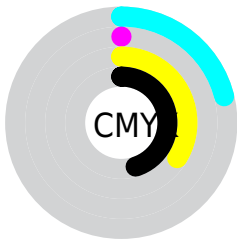
Blue (36%)



Red (36%)

Yellow (55%)

Blue (48%)

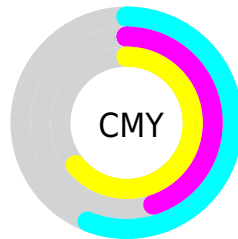


Cyan (21%)

Magenta (0%)

Yellow (34%)

Black (45%)



Cyan (56%)


Magenta (45%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2848, 0.3284, 0.4206 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 23.2848, 0.3284, 0.4206 by changing the saturation by 10% instead.


 23.2848, 0.3284,
0.4206

 23.2848, 0.3284,
0.4206


269.1844, 0.3209,
0.3677


 14.8039, 0.3299,
0.4368


 48.8605, 0.3259,
0.3993


 8.6819, 0.3312,
0.4596


 66.7242, 0.3249,
0.3920

 4.5343, 0.3317,
0.4941

 88.4843, 0.3240,
0.3860

 1.9767, 0.3418,
0.5741

 114.5252, 0.3232,
0.3811

 0.5939, 0.1291,
0.8709

145.2312, 0.3225,
0.3770

 0.0000, 0.0000,
0.0000

180.9868, 0.3219,

0.3734

222.1765, 0.3214,
0.3704

■ 23.2848, 0.3284,
0.4206

■ 23.2848, 0.3284,
0.4206

■ 22.5253, 0.3318,
0.4509

■ 24.1455, 0.3242,
0.3914

■ 21.8598, 0.3342,
0.4811

■ 25.1080, 0.3196,
0.3639

■ 21.2852, 0.3351,
0.5099


■ 26.1770, 0.3147,
0.3386


■ 20.7966, 0.3344,
0.5356


■ 27.3557, 0.3098,
0.3156


■ 20.3890, 0.3318,
0.5567


■ 28.6474, 0.3050,
0.2949


 20.0560, 0.3277,
0.5723

 30.0551, 0.3004,
0.2765

 19.8843, 0.3250,
0.5801

 31.5818, 0.2961,
0.2600

 33.2303, 0.2920,
0.2455

 35.0033, 0.2881,
0.2326

Harmonies

Analogous

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



23.2848, 0.3770, 0.4197



23.2848, 0.3284, 0.4206



23.2848, 0.2779, 0.3896

Triad

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



23.2848, 0.3284, 0.4206



23.2848, 0.2227, 0.2576



23.2848, 0.3908, 0.3134

Complementary

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



23.2848, 0.3284, 0.4206



13.8964, 0.2907, 0.2410

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.



23.2848, 0.3432, 0.2778



23.2848, 0.3284, 0.4206



23.2848, 0.2472, 0.2461

Square

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



23.2848, 0.3284, 0.4206



23.2848, 0.2196, 0.2897



23.2848, 0.2902, 0.2538



23.2848, 0.4157, 0.3544

Rectangle

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



23.2848, 0.3284, 0.4206



23.2848, 0.2499, 0.3564



23.2848, 0.2902, 0.2538



23.2848, 0.3767, 0.3006

Sweetspot

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



23.2858, 0.3284, 0.4206



45.6667, 0.3177, 0.3539



20.3270, 0.3722, 0.3802



10.1481, 0.3183, 0.3571



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.



23.2858, 0.3284, 0.4206



40.6126, 0.3312, 0.4443



22.2587, 0.3038, 0.4165



6.1268, 0.3172, 0.3513



18.1370, 0.3253, 0.5799



0.1856, 0.3598, 0.5525

Inverse Universe

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



13.8964, 0.2907, 0.2410



21.0947, 0.2840, 0.2194



15.2786, 0.3230, 0.2549



5.4062, 0.3078, 0.3069



3.5371, 0.2265, 0.1021



0.0466, 0.2699, 0.1261

Previews

White Background



This preview shows how the Yxy color 23.2848, 0.3284, 0.4206 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 23.2848, 0.3284, 0.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

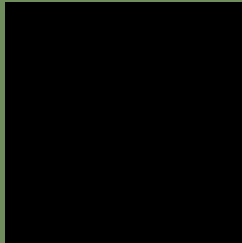
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2848, 0.3284, 0.4206

Background



This preview shows how black text looks on a background with the Yxy color 23.2848, 0.3284, 0.4206.



This preview shows how white text looks on a background with the Yxy color 23.2848, 0.3284, 0.4206.

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

23.2848, 0.3284, 0.4206

Protanopia

23.0634, 0.3737, 0.4031

Deuteranopia

23.1914, 0.3864, 0.3796



Tritanopia

23.3653, 0.2868, 0.3113

Trichromacy



Original Color

23.2848, 0.3284, 0.4206

Protanomaly

22.9717, 0.3573, 0.4099

Deuteranomaly

22.9915, 0.3645, 0.3935

Tritanomaly

23.1796, 0.3020, 0.3492

Monochromacy



Original Color

23.2848, 0.3284, 0.4206

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.8779, 0.3193, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2848, 0.3284, 0.4206 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(112, 141, 93)` looks like.

```
.text, #text, p{  
    color:rgb(112, 141, 93)  
}
```

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(112, 141, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 141, 93) }
```

Border

The CSS property to change the border of an element to Yxy 23.2848, 0.3284, 0.4206 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(112, 141, 93) }
```

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

```
.border{ border-color:rgb(112, 141, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 141, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 141, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 141, 93);  
box-shadow:4px 4px 4px 4px rgb(112, 141,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2848, 0.3284, 0.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 141, 93) }
```

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

```
.background{ background-color: rgb(112,  
141, 93) }
```

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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