

Converting Colors

$Y_{xy}(23.7388, 0.3282, 0.4088)$

Have a look what the booklet for
Yxy(23.7388, 0.3282, 0.4088)
contains.

Yxy(23.7325, 0.3283, 0.4076) 3

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Color

$\text{Yxy}(23.7325, 0.3283, 0.4076)$

Conversions

Conversions Part 1	
Format	Color
Hex	758D63
RGB	117, 141, 99
RGB Percent	46%, 55%, 39%
CMY	0.5411, 0.4471, 0.6118
CMYK	0.17, 0.00, 0.30, 0.45
HSL	94°, 17%, 47%
HSV	94°, 30%, 55%
XYZ	19.1153, 23.7325, 15.3772
YIQ	129.0360, -0.8220, -18.1500

Conversions

Conversions Part 2

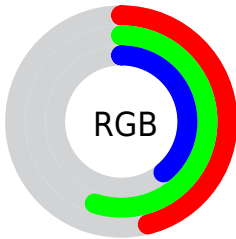
Format	Color
RYB	99, 141, 123
Decimal	7703907
CIELab	55.82, -16.62, 19.67
CIELCh	56, 25.755, 130.193
Yxy	23.7325, 0.3283, 0.4076
Android (android.graphics.Color)	4285893987 (0xFF758D63)
YUV	129.0360, -14.8077, -10.5556
Hunter-Lab	48.7160, -15.2129, 15.3863

Details

The Yxy color $23.7325, 0.3283, 0.4076$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.0557, 0.2921, 0.2523$, and the grayscale version is $22.0211, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.7783, 0.3259, 0.3900$, and $8.9590, 0.3318, 0.4408$ is the 20% darker color. If you saturate the color by 10%, you get $22.9530, 0.3326, 0.4372$, and if you desaturate by 10%, it is $24.6091, 0.3233, 0.3793$.

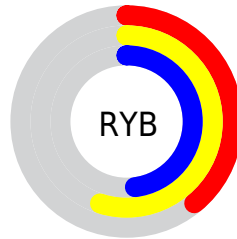
Distribution



Red (46%)

Green (55%)

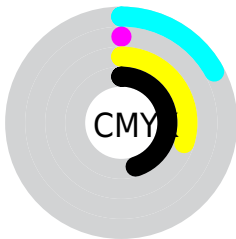
Blue (39%)



Red (39%)

Yellow (55%)

Blue (48%)

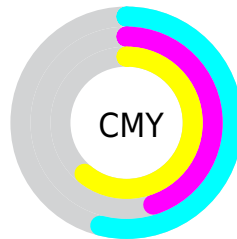


Cyan (17%)

Magenta (0%)

Yellow (30%)

Black (45%)



Cyan (54%)


Magenta (45%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7325, 0.3283, 0.4076 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 23.7325, 0.3283, 0.4076 by changing the saturation by 10% instead.


 23.7325, 0.3283,
0.4076

 23.7325, 0.3283,
0.4076


271.4653, 0.3205,
0.3625


 15.1353, 0.3300,
0.4213


 49.5933, 0.3256,
0.3896


 8.9144, 0.3320,
0.4405


 67.6257, 0.3245,
0.3833

 4.6854, 0.3339,
0.4696

 89.5720, 0.3236,
0.3782

 2.0639, 0.3391,
0.5256

 115.8166, 0.3228,
0.3740

 0.6442, 0.2428,
0.7572

146.7438, 0.3221,
0.3705

 0.0000, 0.0000,
0.0000


182.7380, 0.3215,


0.3674


224.1837, 0.3210,
0.3648


 23.7325, 0.3283,
0.4076

 23.7325, 0.3283,
0.4076


 22.9530, 0.3326,
0.4372

 24.6091, 0.3233,
0.3793


 22.2639, 0.3360,
0.4672

 25.5831, 0.3180,
0.3528


 21.6623, 0.3380,
0.4962


 26.6588, 0.3126,
0.3285


 21.1439, 0.3384,
0.5229


 27.8393, 0.3072,
0.3065


 20.7040, 0.3369,
0.5457


 29.1276, 0.3021,
0.2867

 20.3373, 0.3336,
0.5634


 30.5264, 0.2971,
0.2690

 20.0318, 0.3291,
0.5767

 32.0385, 0.2924,
0.2532

 20.0258, 0.3290,
0.5770

 33.6665, 0.2881,
0.2392

 35.4128, 0.2840,
0.2268

Harmonies

Analogous

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



23.7325, 0.3700, 0.4070



23.7325, 0.3283, 0.4076



23.7325, 0.2842, 0.3819

Triad

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



23.7325, 0.3283, 0.4076



23.7325, 0.2336, 0.2678



23.7325, 0.3789, 0.3148

Complementary

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



23.7325, 0.3283, 0.4076



15.0557, 0.2921, 0.2523

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.



23.7325, 0.3378, 0.2835



23.7325, 0.3283, 0.4076



23.7325, 0.2548, 0.2566

Square

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



23.7325, 0.3283, 0.4076



23.7325, 0.2317, 0.2968



23.7325, 0.2921, 0.2627



23.7325, 0.4012, 0.3509

Rectangle

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



23.7325, 0.3283, 0.4076



23.7325, 0.2594, 0.3542



23.7325, 0.2921, 0.2627



23.7325, 0.3667, 0.3035

Sweetspot

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



23.7335, 0.3283, 0.4076



45.9257, 0.3177, 0.3513



20.6794, 0.3644, 0.3713



10.2045, 0.3184, 0.3546



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.



23.7335, 0.3283, 0.4076



41.5102, 0.3314, 0.4282



22.6572, 0.3062, 0.4067



6.1354, 0.3177, 0.3513



18.2693, 0.3293, 0.5768



0.1873, 0.3640, 0.5492

Inverse Universe

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



15.0557, 0.2921, 0.2523



23.2762, 0.2860, 0.2328



16.4268, 0.3197, 0.2620



5.3973, 0.3073, 0.3069



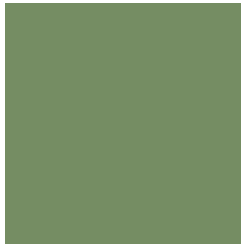
3.3376, 0.2192, 0.0981



0.0449, 0.2647, 0.1232

Previews

White Background



This preview shows how the Yxy color 23.7325, 0.3283, 0.4076 looks on a white background.

Color Contrast Check

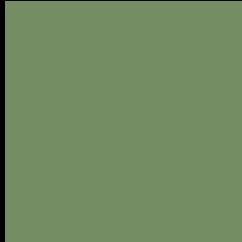
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7325, 0.3283, 0.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

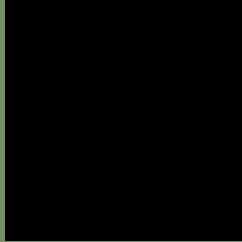
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7325, 0.3283, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 23.7325, 0.3283, 0.4076.



This preview shows how white text looks on a background with the Yxy color 23.7325, 0.3283, 0.4076.

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

23.7325, 0.3283, 0.4076

Protanopia

23.5489, 0.3667, 0.3925

Deuteranopia

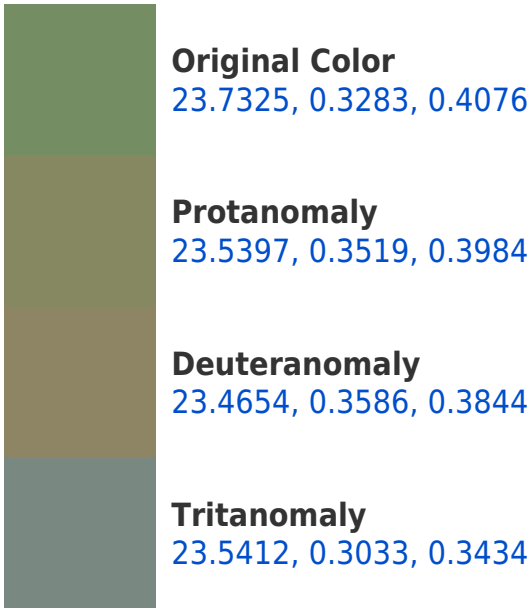
23.5658, 0.3787, 0.3715



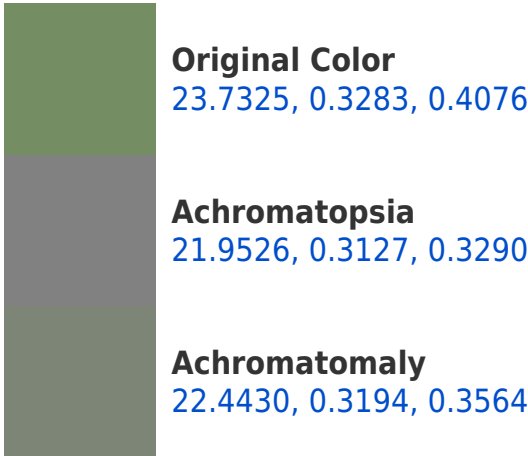
Tritanopia

23.6884, 0.2899, 0.3098

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7325, 0.3283, 0.4076 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(117, 141, 99)` looks like.

```
.text, #text, p{  
    color:rgb(117, 141, 99)  
}
```

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(117, 141, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 141, 99) }
```

Border

The CSS property to change the border of an element to Yxy 23.7325, 0.3283, 0.4076 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(117, 141, 99) }
```

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

```
.border{ border-color:rgb(117, 141, 99) }
```

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

Here you see how a box with a 4 pixel rgb(117, 141, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 141, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 141, 99);  
box-shadow:4px 4px 4px 4px rgb(117, 141,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7325, 0.3283, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 141, 99) }
```

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

```
.background{ background-color: rgb(117,  
141, 99) }
```

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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