

Converting Colors

$Y_{xy}(23.5299, 0.3172, 0.4050)$

Have a look what the booklet for
Yxy(23.5299, 0.3172, 0.4050)
contains.

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Color

Yxy(23.6203, 0.3175, 0.4053)

Conversions

Conversions Part 1

Format	Color
Hex	6E8E66
RGB	110, 142, 102
RGB Percent	43%, 56%, 40%
CMY	0.5686, 0.4431, 0.6000
CMYK	0.23, 0.00, 0.28, 0.44
HSL	108°, 16%, 48%
HSV	108°, 28%, 56%
XYZ	18.5034, 23.6203, 16.1548
YIQ	127.8720, -6.2320, -19.2240

Conversions

Conversions Part 2

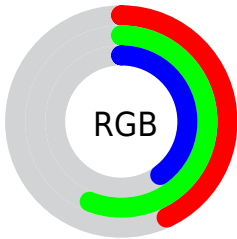
Format	Color
RYB	102, 142, 134
Decimal	7245414
CIELab	55.71, -19.29, 17.75
CIElCh	56, 26.216, 137.381
Yxy	23.6203, 0.3175, 0.4053
Android (android.graphics.Color)	4285435494 (0xFF6E8E66)
YUV	127.8720, -12.7549, -15.6737
Hunter-Lab	48.6007, -17.0921, 14.3126

Details

The Yxy color $23.6203, 0.3175, 0.4053$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.5233, 0.3053, 0.2592$, and the grayscale version is $21.5881, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.4611, 0.3170, 0.3882$, and $8.9222, 0.3164, 0.4382$ is the 20% darker color. If you saturate the color by 10%, you get $22.6809, 0.3185, 0.4369$, and if you desaturate by 10%, it is $24.7034, 0.3160, 0.3758$.

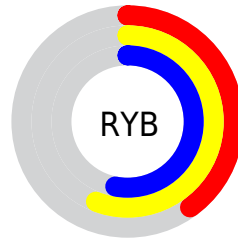
Distribution



Red (43%)

Green (56%)

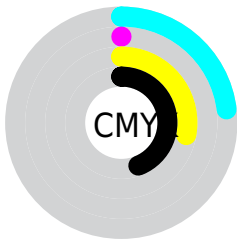
Blue (40%)



Red (40%)

Yellow (56%)

Blue (53%)

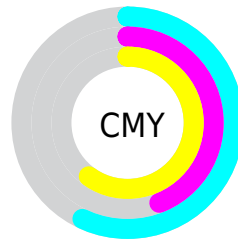


Cyan (23%)

Magenta (0%)

Yellow (28%)

Black (44%)



Cyan (57%)


Magenta (44%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6203, 0.3175, 0.4053 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 23.6203, 0.3175, 0.4053 by changing the saturation by 10% instead.


 23.6203, 0.3175,
0.4053


 23.6203, 0.3175,
0.4053


270.8952, 0.3157,
0.3613


 15.0522, 0.3175,
0.4188


 49.4099, 0.3171,
0.3876


 8.8560, 0.3172,
0.4379


 67.4001, 0.3168,
0.3815

 4.6474, 0.3158,
0.4670

 89.2999, 0.3166,
0.3766

 2.0419, 0.3134,
0.5204

 115.4936, 0.3164,
0.3725

 0.6316, 0.1700,
0.8300

146.3655, 0.3162,
0.3690

 0.0000, 0.0000,
0.0000

182.3002, 0.3160,

0.3661

223.6820, 0.3159,
0.3635

■ 23.6203, 0.3175,
0.4053

■ 23.6203, 0.3175,
0.4053

■ 22.6809, 0.3185,
0.4369

■ 24.7034, 0.3160,
0.3758

■ 21.8760, 0.3189,
0.4696

■ 25.9326, 0.3143,
0.3489

■ 21.2004, 0.3185,
0.5021

■ 27.3144, 0.3124,
0.3248

■ 20.6471, 0.3172,
0.5323

■ 28.8538, 0.3104,
0.3034

■ 20.2083, 0.3149,
0.5581

■ 30.5555, 0.3084,
0.2846

■ 19.8756, 0.3118,
0.5779

■ 32.4242, 0.3065,
0.2682

■ 19.6357, 0.3084,
0.5914

■ 34.4643, 0.3046,
0.2538

■ 19.5991, 0.3079,
0.5937

■ 36.6800, 0.3029,
0.2412

■ 39.0755, 0.3012,
0.2302

Harmonies

Analogous

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



23.6203, 0.3618, 0.4111



23.6203, 0.3175, 0.4053



23.6203, 0.2739, 0.3734

Triad

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



23.6203, 0.3175, 0.4053



23.6203, 0.2357, 0.2623



23.6203, 0.3878, 0.3231

Complementary

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



23.6203, 0.3175, 0.4053



16.5233, 0.3053, 0.2592

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.



23.6203, 0.3493, 0.2895



23.6203, 0.3175, 0.4053



23.6203, 0.2616, 0.2553

Square

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



23.6203, 0.3175, 0.4053



23.6203, 0.2288, 0.2875



23.6203, 0.3025, 0.2654



23.6203, 0.4045, 0.3599

Rectangle

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



23.6203, 0.3175, 0.4053



23.6203, 0.2509, 0.3436



23.6203, 0.3025, 0.2654



23.6203, 0.3769, 0.3112

Sweetspot

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



23.6213, 0.3175, 0.4053



45.7306, 0.3143, 0.3489



23.5766, 0.3574, 0.3832



10.1445, 0.3145, 0.3524



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.



23.6213, 0.3175, 0.4053



40.5424, 0.3182, 0.4258



23.3705, 0.2986, 0.3844



6.0782, 0.3145, 0.3515



17.6040, 0.3081, 0.5935



0.1760, 0.3332, 0.5736

Inverse Universe

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



16.5233, 0.3053, 0.2592



25.8295, 0.3031, 0.2425



16.8838, 0.3307, 0.2794



5.4572, 0.3107, 0.3071



4.9457, 0.2719, 0.1272



0.0562, 0.2969, 0.1409

Previews

White Background



This preview shows how the Yxy color 23.6203, 0.3175, 0.4053 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 23.6203, 0.3175, 0.4053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

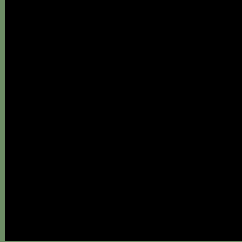
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6203, 0.3175, 0.4053

Background



This preview shows how black text looks on a background with the Yxy color 23.6203, 0.3175, 0.4053.



This preview shows how white text looks on a background with the Yxy color 23.6203, 0.3175, 0.4053.

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

23.6203, 0.3175, 0.4053

Protanopia

23.4965, 0.3632, 0.3893

Deuteranopia

23.4268, 0.3726, 0.3669



Tritanopia

23.4968, 0.2820, 0.3095

Trichromacy



Original Color

23.6203, 0.3175, 0.4053

Protanomaly

23.3345, 0.3461, 0.3956

Deuteranomaly

23.2635, 0.3516, 0.3798

Tritanomaly

23.3931, 0.2940, 0.3418

Monochromacy



Original Color

23.6203, 0.3175, 0.4053

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.1719, 0.3138, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6203, 0.3175, 0.4053 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(110, 142, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 142, 102)  
}
```

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(110, 142, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 142, 102) }
```

Border

The CSS property to change the border of an element to Yxy 23.6203, 0.3175, 0.4053 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(110, 142, 102) }
```

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

```
.border{ border-color:rgb(110, 142, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 142, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 142, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 142, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 142,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6203, 0.3175, 0.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 142, 102) }
```

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

```
.background{ background-color: rgb(110,  
142, 102) }
```

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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