

Converting Colors

$Y_{xy}(23.5362, 0.3248, 0.4189)$

Have a look what the booklet for
Yxy(23.5362, 0.3248, 0.4189)
contains.

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Color

Yxy(23.5517, 0.3252, 0.4187)

Conversions

Conversions Part 1

Format	Color
Hex	6F8E5F
RGB	111, 142, 95
RGB Percent	44%, 56%, 37%
CMY	0.5648, 0.4431, 0.6275
CMYK	0.22, 0.00, 0.33, 0.44
HSL	100°, 20%, 46%
HSV	100°, 33%, 56%
XYZ	18.2924, 23.5517, 14.4055
YIQ	127.3730, -3.3890, -21.1890

Conversions

Conversions Part 2

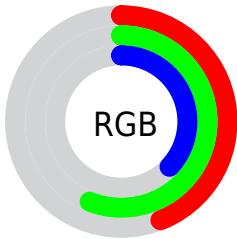
Format	Color
R_{YB}	95, 142, 126
Decimal	7310943
CIE _{Lab}	55.64, -20.10, 21.60
CIE _{LCh}	56, 29.504, 132.938
Yxy	23.5517, 0.3252, 0.4187
Android (android.graphics.Color)	4285501023 (0xFF6F8E5F)
YUV	127.3730, -15.9599, -14.3591
Hunter-Lab	48.5301, -17.6460, 16.3716

Details

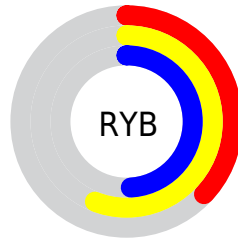
The Yxy color $23.5517, 0.3252, 0.4187$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.5722, 0.2948, 0.2444$, and the grayscale version is $21.4146, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.3417, 0.3229, 0.3980$, and $8.8918, 0.3269, 0.4579$ is the 20% darker color. If you saturate the color by 10%, you get $22.7414, 0.3279, 0.4495$, and if you desaturate by 10%, it is $24.4748, 0.3218, 0.3891$.

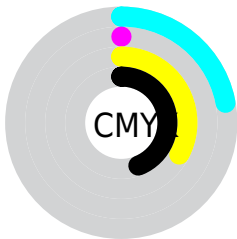
Distribution



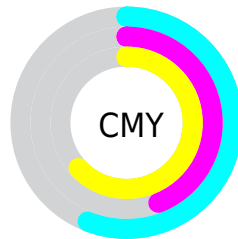
- Red (44%)
- Green (56%)
- Blue (37%)



- Red (37%)
- Yellow (56%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (33%)
- Black (44%)





- Cyan (56%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5517, 0.3252, 0.4187 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 23.5517, 0.3252, 0.4187 by changing the saturation by 10% instead.


 23.5517, 0.3252,
0.4187


 23.5517, 0.3252,
0.4187


270.5461, 0.3194,
0.3669


 15.0014, 0.3262,
0.4345


 49.2976, 0.3234,
0.3979


 8.8204, 0.3269,
0.4569


 67.2621, 0.3226,
0.3907

 4.6242, 0.3266,
0.4908

 89.1334, 0.3219,
0.3849

 2.0285, 0.3321,
0.5638

 115.2959, 0.3213,
0.3801

 0.6240, 0.1410,
0.8590

146.1340, 0.3207,
0.3760

 0.0000, 0.0000,
0.0000

182.0322, 0.3202,

0.3725

223.3747, 0.3198,
0.3695

■ 23.5517, 0.3252,
0.4187

■ 23.5517, 0.3252,
0.4187

■ 22.7414, 0.3279,
0.4495

■ 24.4748, 0.3218,
0.3891

■ 22.0365, 0.3296,
0.4806

■ 25.5120, 0.3180,
0.3616

■ 21.4330, 0.3300,
0.5104


■ 26.6683, 0.3140,
0.3363

■ 20.9257, 0.3289,
0.5372

■ 27.9474, 0.3099,
0.3136

■ 20.5086, 0.3263,
0.5594

■ 29.3531, 0.3059,
0.2932

 20.1753, 0.3222,
0.5757

 30.8887, 0.3021,
0.2752

 19.9841, 0.3192,
0.5848

 32.5576, 0.2984,
0.2592

 34.3630, 0.2950,
0.2450

 36.3081, 0.2917,
0.2325

Harmonies

Analogous

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



23.5517, 0.3739, 0.4197



23.5517, 0.3252, 0.4187



23.5517, 0.2755, 0.3863

Triad

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



23.5517, 0.3252, 0.4187



23.5517, 0.2243, 0.2570



23.5517, 0.3923, 0.3160

Complementary

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



23.5517, 0.3252, 0.4187



14.5722, 0.2948, 0.2444

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.



23.5517, 0.3461, 0.2801



23.5517, 0.3252, 0.4187



23.5517, 0.2499, 0.2467

Square

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



23.5517, 0.3252, 0.4187



23.5517, 0.2200, 0.2877



23.5517, 0.2934, 0.2555



23.5517, 0.4153, 0.3567

Rectangle

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



23.5517, 0.3252, 0.4187



23.5517, 0.2483, 0.3530



23.5517, 0.2934, 0.2555



23.5517, 0.3787, 0.3032

Sweetspot

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



23.5527, 0.3252, 0.4187



45.5531, 0.3168, 0.3540



21.3845, 0.3691, 0.3827



10.1200, 0.3173, 0.3572



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.



23.5527, 0.3252, 0.4187



40.4074, 0.3274, 0.4425



22.7405, 0.3019, 0.4089



6.1130, 0.3164, 0.3514



17.9503, 0.3195, 0.5845



0.1829, 0.3528, 0.5581

Inverse Universe

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



14.5722, 0.2948, 0.2444



21.9618, 0.2893, 0.2235



15.6820, 0.3259, 0.2605



5.4204, 0.3087, 0.3070



3.8856, 0.2388, 0.1089



0.0493, 0.2780, 0.1305

Previews

White Background



This preview shows how the Yxy color 23.5517, 0.3252, 0.4187 looks on a white background.

Color Contrast Check

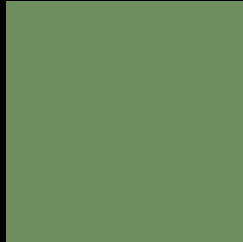
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5517, 0.3252, 0.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

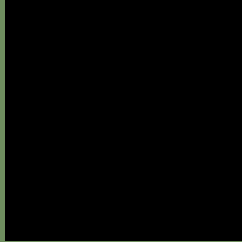
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5517, 0.3252, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 23.5517, 0.3252, 0.4187.



This preview shows how white text looks on a background with the Yxy color 23.5517, 0.3252, 0.4187.

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

23.5517, 0.3252, 0.4187

Protanopia

23.4597, 0.3722, 0.4009

Deuteranopia

23.2287, 0.3840, 0.3764



Tritanopia

23.6056, 0.2849, 0.3113

Trichromacy



Original Color

23.5517, 0.3252, 0.4187

Protanomaly

23.2866, 0.3547, 0.4079

Deuteranomaly

22.9410, 0.3611, 0.3903

Tritanomaly

23.4223, 0.3000, 0.3492

Monochromacy



Original Color

23.5517, 0.3252, 0.4187

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.8053, 0.3181, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5517, 0.3252, 0.4187 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(111, 142, 95)` looks like.

```
.text, #text, p{  
    color:rgb(111, 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(111, 142, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 142, 95) }
```

Border

The CSS property to change the border of an element to Yxy 23.5517, 0.3252, 0.4187 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(111, 142, 95) }
```

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

```
.border{ border-color:rgb(111, 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(111, 142, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 142, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 142, 95);  
box-shadow:4px 4px 4px 4px rgb(111, 142,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5517, 0.3252, 0.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 142, 95) }
```

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

```
.background{ background-color: rgb(111,  
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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