

Converting Colors

$Y_{xy}(23.2855, 0.3010, 0.4126)$

Have a look what the booklet for
Yxy(23.2855, 0.3010, 0.4126)
contains.

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Color

$Y_{xy}(23.2855, 0.3010, 0.4126)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9066
RGB	94, 144, 102
RGB Percent	37%, 56%, 40%
CMY	0.6313, 0.4353, 0.6001
CMYK	0.35, 0.00, 0.29, 0.44
HSL	130°, 21%, 47%
HSV	130°, 35%, 56%
XYZ	16.9872, 23.2855, 16.1633
YIQ	124.2620, -16.3180, -23.6620

Conversions

Conversions Part 2

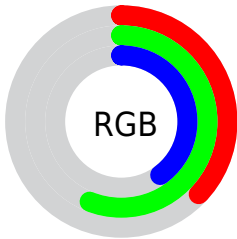
Format	Color
R _Y B	94, 137, 144
Decimal	6197350
CIE Lab	55.37, -25.97, 17.15
CIE LCh	55, 31.116, 146.563
Yxy	23.2855, 0.3010, 0.4126
Android (android.graphics.Color)	4284387430 (0xFF5E9066)
YUV	124.2620, -10.9752, -26.5398
Hunter-Lab	48.2551, -21.6089, 13.9190

Details

The Yxy color **23.2855, 0.3010, 0.4126** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.7151, 0.3273, 0.2578**, and the grayscale version is **20.2897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7991, 0.3044, 0.3930**, and **8.6624, 0.2941, 0.4480** is the 20% darker color. If you saturate the color by 10%, you get **22.3720, 0.2980, 0.4419**, and if you desaturate by 10%, it is **24.3781, 0.3043, 0.3853**.

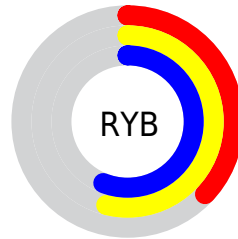
Distribution



Red (37%)

Green (56%)

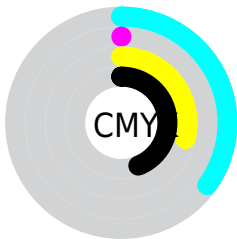
Blue (40%)



Red (37%)

Yellow (54%)

Blue (56%)

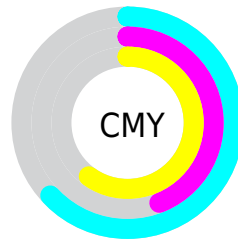


Cyan (35%)

Magenta (0%)

Yellow (29%)

Black (44%)



Cyan (63%)


Magenta (44%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2855, 0.3010, 0.4126 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 23.2855, 0.3010, 0.4126 by changing the saturation by 10% instead.


 23.2855, 0.3010,
0.4126

 23.2855, 0.3010,
0.4126


269.1880, 0.3086,
0.3640


 14.8045, 0.2982,
0.4278


 48.8617, 0.3043,
0.3929

 8.6823, 0.2939,
0.4495


 66.7256, 0.3054,
0.3862

 4.5345, 0.2864,
0.4831

 88.4860, 0.3062,
0.3807

 1.9768, 0.2736,
0.5459

 114.5272, 0.3069,
0.3762

 0.5940, 0.0000,
1.0000

145.2336, 0.3074,
0.3724

 0.0000, 0.0000,
0.0000

180.9896, 0.3079,

0.3692

222.1796, 0.3083,
0.3664

■ 23.2855, 0.3010,
0.4126

■ 23.2855, 0.3010,
0.4126

■ 22.3720, 0.2980,
0.4419

■ 24.3781, 0.3043,
0.3853

■ 21.6251, 0.2956,
0.4723

■ 25.6556, 0.3077,
0.3606

■ 21.0357, 0.2940,
0.5026

■ 27.1270, 0.3111,
0.3385


■ 20.5921, 0.2933,
0.5311

■ 28.8001, 0.3145,
0.3190


■ 20.2814, 0.2936,
0.5559

■ 30.6821, 0.3176,
0.3020


 20.0870, 0.2950,
0.5755

 32.7799, 0.3206,
0.2872

 20.0092, 0.2955,
0.5838

 35.1000, 0.3234,
0.2744

 37.6487, 0.3260,
0.2633

 40.4320, 0.3284,
0.2537

Harmonies

Analogous

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



23.2855, 0.3548, 0.4289



23.2855, 0.3010, 0.4126



23.2855, 0.2529, 0.3662

Triad

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



23.2855, 0.3010, 0.4126



23.2855, 0.2292, 0.2456



23.2855, 0.4119, 0.3342

Complementary

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



23.2855, 0.3010, 0.4126



15.7151, 0.3273, 0.2578

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.



23.2855, 0.3722, 0.2935



23.2855, 0.3010, 0.4126



23.2855, 0.2652, 0.2443

Square

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



23.2855, 0.3010, 0.4126



23.2855, 0.2143, 0.2678



23.2855, 0.3171, 0.2616



23.2855, 0.4215, 0.3769

Rectangle

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



23.2855, 0.3010, 0.4126



23.2855, 0.2301, 0.3288



23.2855, 0.3171, 0.2616



23.2855, 0.4015, 0.3200

Sweetspot

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



23.2865, 0.3010, 0.4126



46.3762, 0.3093, 0.3503



26.0323, 0.3545, 0.4151



10.5613, 0.3088, 0.3531



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.2865, 0.3010, 0.4126



39.7336, 0.2986, 0.4363



23.8471, 0.2796, 0.3625



6.0425, 0.3096, 0.3480



17.4260, 0.2953, 0.5831



0.1687, 0.2792, 0.5252

Inverse Universe

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



15.7151, 0.3273, 0.2578



24.2199, 0.3316, 0.2415



15.0954, 0.3635, 0.2982



5.4965, 0.3160, 0.3107



6.3694, 0.3645, 0.1782



0.0635, 0.3407, 0.1651

Previews

White Background



This preview shows how the Yxy color 23.2855, 0.3010, 0.4126 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 23.2855, 0.3010, 0.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

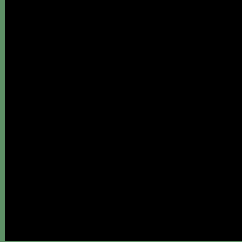
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2855, 0.3010, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 23.2855, 0.3010, 0.4126.



This preview shows how white text looks on a background with the Yxy color 23.2855, 0.3010, 0.4126.

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

23.2855, 0.3010, 0.4126

Protanopia

23.1164, 0.3636, 0.3897

Deuteranopia

23.0894, 0.3706, 0.3638



Tritanopia

23.2304, 0.2674, 0.3089

Trichromacy



Original Color

23.2855, 0.3010, 0.4126

Protanomaly

22.8691, 0.3389, 0.3972

Deuteranomaly

22.7005, 0.3419, 0.3795

Tritanomaly

23.1314, 0.2796, 0.3440

Monochromacy



Original Color

23.2855, 0.3010, 0.4126

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.0043, 0.3079, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2855, 0.3010, 0.4126 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(94, 144, 102)` looks like.

```
.text, #text, p{  
    color:rgb(94, 144, 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(94, 144, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 144, 102) }
```

Border

The CSS property to change the border of an element to Yxy 23.2855, 0.3010, 0.4126 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(94, 144, 102) }
```

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

```
.border{ border-color:rgb(94, 144, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 144, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 144, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 144, 102);  
box-shadow:4px 4px 4px 4px rgb(94, 144,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2855, 0.3010, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 144, 102) }
```

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

```
.background{ background-color: rgb(94, 144,  
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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