

Converting Colors

$Y_{xy}(22.9688, 0.2875, 0.3858)$

Have a look what the booklet for
Yxy(22.9688, 0.2875, 0.3858)
contains.

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Color

$Y_{xy}(23.0840, 0.2875, 0.3865)$

Conversions

Conversions Part 1

Format	Color
Hex	5B8F72
RGB	91, 143, 114
RGB Percent	36%, 56%, 45%
CMY	0.6433, 0.4392, 0.5529
CMYK	0.36, 0.00, 0.20, 0.44
HSL	147°, 22%, 46%
HSV	147°, 36%, 56%
XYZ	17.1712, 23.0840, 19.4706
YIQ	124.1460, -21.6830, -20.0430

Conversions

Conversions Part 2

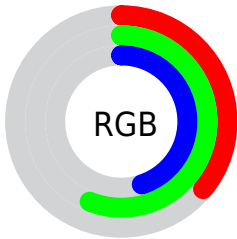
Format	Color
R_{YB}	91, 127, 143
Decimal	6000498
CIE _{Lab}	55.16, -24.06, 10.01
CIE _{LCh}	55, 26.063, 157.413
Yxy	23.0840, 0.2875, 0.3865
Android (android.graphics.Color)	4284190578 (0xFF5B8F72)
YUV	124.1460, -5.0020, -29.0690
Hunter-Lab	48.0458, -20.2858, 9.6048

Details

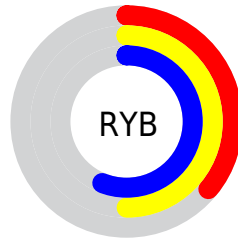
The Yxy color **23.0840, 0.2875, 0.3865** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.6711, 0.3499, 0.2782**, and the grayscale version is **20.2272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5253, 0.2934, 0.3729**, and **8.5191, 0.2760, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **22.2528, 0.2819, 0.4058**, and if you desaturate by 10%, it is **24.0714, 0.2939, 0.3686**.

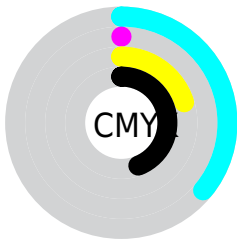
Distribution



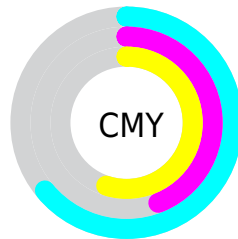
- Red (36%)
- Green (56%)
- Blue (45%)



- Red (36%)
- Yellow (50%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (20%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0840, 0.2875, 0.3865 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 23.0840, 0.2875, 0.3865 by changing the saturation by 10% instead.


 23.0840, 0.2875,
0.3865


 23.0840, 0.2875,
0.3865


268.1561, 0.3021,
0.3533


 14.6555, 0.2830,
0.3968


 48.5312, 0.2934,
0.3731

 8.5780, 0.2765,
0.4114


 66.3188, 0.2954,
0.3685

 4.4670, 0.2664,
0.4341

 87.9948, 0.2971,
0.3648

 1.9381, 0.2489,
0.4734

 113.9437, 0.2984,
0.3617

 0.5711, 0.0000,
1.0000

144.5499, 0.2996,
0.3591

 0.0000, 0.0000,
0.0000

180.1978, 0.3005,

0.3569

221.2717, 0.3014,
0.3550

■ 23.0840, 0.2875,
0.3865

■ 23.0840, 0.2875,
0.3865

■ 22.2528, 0.2819,
0.4058

■ 24.0714, 0.2939,
0.3686

■ 21.5666, 0.2775,
0.4262

■ 25.2199, 0.3008,
0.3523

■ 21.0174, 0.2745,
0.4473

■ 26.5374, 0.3080,
0.3376

■ 20.5949, 0.2731,
0.4686

■ 28.0307, 0.3154,
0.3244

■ 20.2874, 0.2736,
0.4894

■ 29.7062, 0.3226,
0.3128

■ 20.0766, 0.2758,
0.5091

■ 31.5698, 0.3297,
0.3025

■ 20.0102, 0.2766,
0.5159

■ 33.6273, 0.3366,
0.2935

■ 35.8842, 0.3431,
0.2856

■ 38.3457, 0.3494,
0.2787

Harmonies

Analogous

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



23.0840, 0.3328, 0.4105



23.0840, 0.2875, 0.3865



23.0840, 0.2508, 0.3436

Triad

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



23.0840, 0.2875, 0.3865



23.0840, 0.2509, 0.2555



23.0840, 0.4021, 0.3478

Complementary

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



23.0840, 0.2875, 0.3865



14.6711, 0.3499, 0.2782

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.



23.0840, 0.3770, 0.3112



23.0840, 0.2875, 0.3865



23.0840, 0.2876, 0.2602

Square

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



23.0840, 0.2875, 0.3865



23.0840, 0.2311, 0.2685



23.0840, 0.3340, 0.2801



23.0840, 0.4007, 0.3828

Rectangle

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



23.0840, 0.2875, 0.3865



23.0840, 0.2354, 0.3133



23.0840, 0.3340, 0.2801



23.0840, 0.3965, 0.3354

Sweetspot

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



23.0850, 0.2875, 0.3865



46.3377, 0.3045, 0.3445



24.4282, 0.3393, 0.4247



10.5620, 0.3037, 0.3463



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.



23.0850, 0.2875, 0.3865



40.0471, 0.2827, 0.4029



23.7499, 0.2660, 0.3354



6.0666, 0.3060, 0.3415



17.6943, 0.2764, 0.5150



0.1735, 0.2537, 0.4332

Inverse Universe

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



14.6711, 0.3499, 0.2782



22.6062, 0.3622, 0.2662



14.1317, 0.3910, 0.3230



5.4712, 0.3200, 0.3168



5.6757, 0.4671, 0.2347



0.0587, 0.3902, 0.1923

Previews

White Background



This preview shows how the Yxy color 23.0840, 0.2875, 0.3865 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 23.0840, 0.2875, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

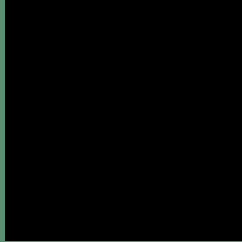
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0840, 0.2875, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 23.0840, 0.2875, 0.3865.



This preview shows how white text looks on a background with the Yxy color 23.0840, 0.2875, 0.3865.

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

23.0840, 0.2875, 0.3865

Protanopia

22.8043, 0.3478, 0.3694

Deuteranopia

22.8527, 0.3511, 0.3459



Tritanopia

22.9995, 0.2639, 0.3087

Trichromacy



Original Color

23.0840, 0.2875, 0.3865

Protanomaly

22.5913, 0.3241, 0.3754

Deuteranomaly

22.6252, 0.3251, 0.3598

Tritanomaly

23.0205, 0.2725, 0.3365

Monochromacy



Original Color

23.0840, 0.2875, 0.3865

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.0334, 0.3027, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0840, 0.2875, 0.3865 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(91, 143, 114)` looks like.

```
.text, #text, p{  
  color:rgb(91, 143, 114)  
}
```

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(91, 143, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 143, 114) }
```

Border

The CSS property to change the border of an element to Yxy 23.0840, 0.2875, 0.3865 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(91, 143, 114) }
```

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

```
.border{ border-color:rgb(91, 143, 114) }
```

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

Here you see how a box with a 4 pixel rgb(91, 143, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 143, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 143, 114);  
box-shadow:4px 4px 4px 4px rgb(91, 143,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0840, 0.2875, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 143, 114) }
```

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

```
.background{ background-color: rgb(91, 143,  
114) }
```

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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