

Converting Colors

$Y_{xy}(23.3391, 0.2845, 0.3787)$

Have a look what the booklet for
Yxy(23.3391, 0.2845, 0.3787)
contains.

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Color

Yxy(23.2282, 0.2850, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	5C8F76
RGB	92, 143, 118
RGB Percent	36%, 56%, 46%
CMY	0.6390, 0.4392, 0.5373
CMYK	0.36, 0.00, 0.17, 0.44
HSL	151°, 22%, 46%
HSV	151°, 36%, 56%
XYZ	17.5087, 23.2282, 20.6971
YIQ	124.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

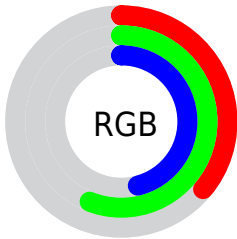
Format	Color
R _Y B	92, 126, 143
Decimal	6066038
CIE Lab	55.31, -22.86, 7.95
CIE LCh	55, 24.203, 160.831
Yxy	23.2282, 0.2850, 0.3781
Android (android.graphics.Color)	4284256118 (0xFF5C8F76)
YUV	124.9010, -3.4022, -28.8542
Hunter-Lab	48.1956, -19.4962, 8.2755

Details

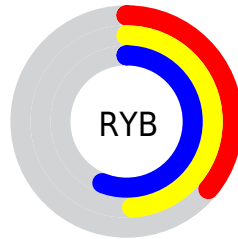
The Yxy color **23.2282, 0.2850, 0.3781** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.7865, 0.3541, 0.2850**, and the grayscale version is **20.4936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7641, 0.2914, 0.3670**, and **8.5887, 0.2723, 0.3973** is the 20% darker color. If you saturate the color by 10%, you get **22.3998, 0.2787, 0.3948**, and if you desaturate by 10%, it is **24.2099, 0.2922, 0.3626**.

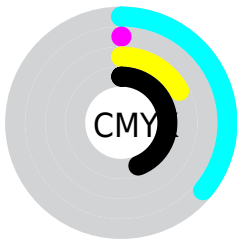
Distribution



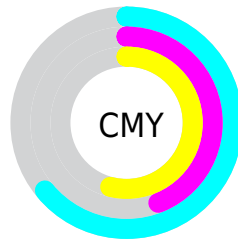
- Red (36%)
- Green (56%)
- Blue (46%)



- Red (36%)
- Yellow (49%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2282, 0.2850, 0.3781 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 23.2282, 0.2850, 0.3781 by changing the saturation by 10% instead.


 23.2282, 0.2850,
0.3781


 23.2282, 0.2850,
0.3781


268.8949, 0.3008,
0.3499


 14.7621, 0.2802,
0.3867


 48.7678, 0.2913,
0.3668


 8.6526, 0.2734,
0.3990


 66.6100, 0.2935,
0.3629

 4.5153, 0.2630,
0.4179

 88.3464, 0.2953,
0.3597

 1.9658, 0.2453,
0.4505

 114.3614, 0.2968,
0.3571

 0.5875, 0.0005,
0.8744

145.0394, 0.2980,
0.3549

 0.0000, 0.0000,
0.0000

180.7647, 0.2991,

0.3530

221.9217, 0.3000,
0.3513

■ 23.2282, 0.2850,
0.3781

■ 23.2282, 0.2850,
0.3781

■ 22.3998, 0.2787,
0.3948

■ 24.2099, 0.2922,
0.3626

■ 21.7139, 0.2736,
0.4126

■ 25.3496, 0.3000,
0.3484

■ 21.1623, 0.2699,
0.4311


■ 26.6553, 0.3081,
0.3356

■ 20.7353, 0.2680,
0.4498


■ 28.1334, 0.3163,
0.3242


■ 20.4214, 0.2679,
0.4685


■ 29.7901, 0.3245,
0.3140


 20.2044, 0.2697,
0.4865

 31.6314, 0.3326,
0.3050

 20.1225, 0.2706,
0.4942

 33.6629, 0.3405,
0.2971

 35.8898, 0.3480,
0.2901

 38.3174, 0.3552,
0.2840

Harmonies

Analogous

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



23.2282, 0.3268, 0.4029



23.2282, 0.2850, 0.3781



23.2282, 0.2522, 0.3378

Triad

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



23.2282, 0.2850, 0.3781



23.2282, 0.2584, 0.2602



23.2282, 0.3966, 0.3508

Complementary

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



23.2282, 0.2850, 0.3781



14.7865, 0.3541, 0.2850

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.



23.2282, 0.3760, 0.3164



23.2282, 0.2850, 0.3781



23.2282, 0.2942, 0.2662

Square

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



23.2282, 0.2850, 0.3781



23.2282, 0.2378, 0.2707



23.2282, 0.3375, 0.2863



23.2282, 0.3926, 0.3826

Rectangle

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



23.2282, 0.2850, 0.3781



23.2282, 0.2390, 0.3103



23.2282, 0.3375, 0.2863



23.2282, 0.3923, 0.3392

Sweetspot

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



23.2292, 0.2850, 0.3781



46.3914, 0.3035, 0.3426



24.2353, 0.3350, 0.4237



10.5755, 0.3025, 0.3442



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.



23.2292, 0.2850, 0.3781



40.3541, 0.2797, 0.3919



23.9044, 0.2641, 0.3289



6.0723, 0.3052, 0.3400



17.7973, 0.2704, 0.4934



0.1746, 0.2491, 0.4167

Inverse Universe

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



14.7865, 0.3541, 0.2850



22.8440, 0.3678, 0.2746



14.2745, 0.3942, 0.3292



5.4654, 0.3210, 0.3183



5.5605, 0.4944, 0.2497



0.0576, 0.4057, 0.2009

Previews

White Background



This preview shows how the Yxy color 23.2282, 0.2850, 0.3781 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 23.2282, 0.2850, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

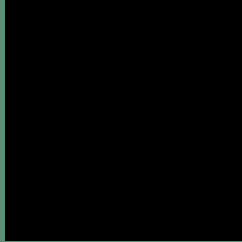
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2282, 0.2850, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 23.2282, 0.2850, 0.3781.



This preview shows how white text looks on a background with the Yxy color 23.2282, 0.2850, 0.3781.

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

23.2282, 0.2850, 0.3781

Protanopia

23.1613, 0.3429, 0.3640

Deuteranopia

22.9488, 0.3463, 0.3391



Tritanopia

23.3199, 0.2633, 0.3088

Trichromacy



Original Color

23.2282, 0.2850, 0.3781

Protanomaly

22.9608, 0.3198, 0.3695

Deuteranomaly

22.7203, 0.3208, 0.3524

Tritanomaly

23.0779, 0.2708, 0.3326

Monochromacy



Original Color

23.2282, 0.2850, 0.3781

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.4184, 0.3017, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2282, 0.2850, 0.3781 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 $rgb(92, 143, 118)$ looks like.

```
.text, #text, p{  
    color:rgb(92, 143, 118)  
}
```

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(92, 143, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 143, 118) }
```

Border

The CSS property to change the border of an element to Yxy 23.2282, 0.2850, 0.3781 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(92, 143, 118) }
```

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

```
.border{ border-color:rgb(92, 143, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 143, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 143, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 143, 118);  
box-shadow:4px 4px 4px 4px rgb(92, 143,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2282, 0.2850, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 143, 118) }
```

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

```
.background{ background-color: rgb(92, 143,  
118) }
```

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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