

Converting Colors

$Y_{xy}(23.8161, 0.2970, 0.3872)$

Have a look what the booklet for
Yxy(23.8161, 0.2970, 0.3872)
contains.

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Color

Yxy(23.9281, 0.2970, 0.3867)

Conversions

Conversions Part 1

Format	Color
Hex	659072
RGB	101, 144, 114
RGB Percent	40%, 56%, 45%
CMY	0.6039, 0.4353, 0.5529
CMYK	0.30, 0.00, 0.21, 0.44
HSL	138°, 18%, 48%
HSV	138°, 30%, 56%
XYZ	18.3777, 23.9281, 19.5719
YIQ	127.7230, -15.9980, -18.4460

Conversions

Conversions Part 2

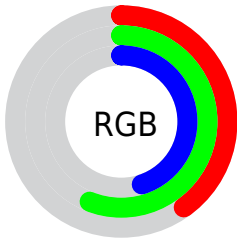
Format	Color
RYB	101, 134, 144
Decimal	6656114
CIELab	56.02, -21.29, 11.29
CIELCh	56, 24.096, 152.054
Yxy	23.9281, 0.2970, 0.3867
Android (android.graphics.Color)	4284846194 (0xFF659072)
YUV	127.7230, -6.7654, -23.4361
Hunter-Lab	48.9164, -18.5419, 10.5189

Details

The Yxy color **23.9281, 0.2970, 0.3867** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.8755, 0.3332, 0.2776**, and the grayscale version is **21.5141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9136, 0.3007, 0.3733**, and **8.9521, 0.2894, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **22.9531, 0.2924, 0.4101**, and if you desaturate by 10%, it is **25.0759, 0.3021, 0.3653**.

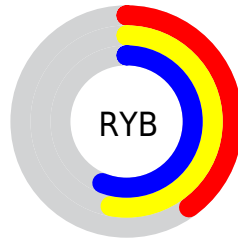
Distribution



Red (40%)

Green (56%)

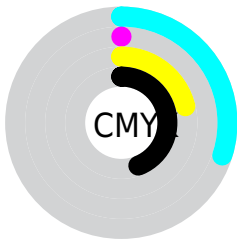
Blue (45%)



Red (40%)

Yellow (53%)

Blue (56%)

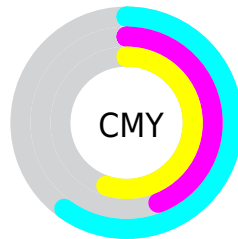


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (44%)



Cyan (60%)


Magenta (44%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9281, 0.2970, 0.3867 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 23.9281, 0.2970, 0.3867 by changing the saturation by 10% instead.


 23.9281, 0.2970,
0.3867


 23.9281, 0.2970,
0.3867


272.4568, 0.3063,
0.3536

 15.2803, 0.2941,
0.3968


 49.9128, 0.3008,
0.3734

 9.0163, 0.2898,
0.4112


 68.0186, 0.3021,
0.3688

 4.7518, 0.2830,
0.4333

 90.0457, 0.3031,
0.3651

 2.1024, 0.2708,
0.4710

 116.3787, 0.3040,
0.3620

 0.6660, 0.1454,
0.8546

147.4019, 0.3047,
0.3594

 0.0000, 0.0000,
0.0000

183.4997, 0.3053,

0.3572

225.0566, 0.3058,
0.3553

■ 23.9281, 0.2970,
0.3867

■ 23.9281, 0.2970,
0.3867

■ 22.9531, 0.2924,
0.4101

■ 25.0759, 0.3021,
0.3653

■ 22.1394, 0.2884,
0.4351

■ 26.4013, 0.3074,
0.3460

■ 21.4790, 0.2855,
0.4610

■ 27.9126, 0.3128,
0.3288

■ 20.9617, 0.2839,
0.4871

■ 29.6168, 0.3181,
0.3136

■ 20.5762, 0.2838,
0.5123

■ 31.5203, 0.3232,
0.3003

■ 20.3094, 0.2853,
0.5353

■ 33.6295, 0.3281,
0.2886

■ 20.1281, 0.2877,
0.5554

■ 35.9503, 0.3328,
0.2784

■ 20.1258, 0.2877,
0.5556

■ 38.4884, 0.3371,
0.2696

■ 41.2493, 0.3412,
0.2619

Harmonies

Analogous

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



23.9281, 0.3388, 0.4044



23.9281, 0.2970, 0.3867



23.9281, 0.2610, 0.3499

Triad

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



23.9281, 0.2970, 0.3867



23.9281, 0.2515, 0.2624



23.9281, 0.3919, 0.3405

Complementary

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



23.9281, 0.2970, 0.3867



16.8755, 0.3332, 0.2776

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.



23.9281, 0.3653, 0.3072



23.9281, 0.2970, 0.3867



23.9281, 0.2829, 0.2637

Square

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



23.9281, 0.2970, 0.3867



23.9281, 0.2362, 0.2777



23.9281, 0.3245, 0.2798



23.9281, 0.3952, 0.3735

Rectangle

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



23.9281, 0.2970, 0.3867



23.9281, 0.2447, 0.3221



23.9281, 0.3245, 0.2798



23.9281, 0.3853, 0.3291

Sweetspot

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



23.9291, 0.2970, 0.3867



46.7341, 0.3078, 0.3447



25.7203, 0.3414, 0.4047



10.6412, 0.3071, 0.3472



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.



23.9291, 0.2970, 0.3867



40.9887, 0.2937, 0.4026



24.4746, 0.2782, 0.3449



6.0546, 0.3078, 0.3447



17.5291, 0.2874, 0.5546



0.1711, 0.2649, 0.4737

Inverse Universe

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



16.8755, 0.3332, 0.2776



26.4326, 0.3393, 0.2655



16.3541, 0.3637, 0.3139



5.4836, 0.3180, 0.3138



5.9763, 0.4127, 0.2047



0.0611, 0.3629, 0.1773

Previews

White Background



This preview shows how the Yxy color 23.9281, 0.2970, 0.3867 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 23.9281, 0.2970, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

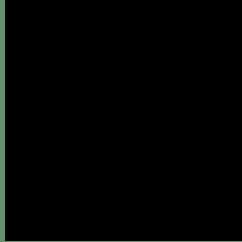
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9281, 0.2970, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 23.9281, 0.2970, 0.3867.



This preview shows how white text looks on a background with the Yxy color 23.9281, 0.2970, 0.3867.

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

23.9281, 0.2970, 0.3867

Protanopia

23.9051, 0.3493, 0.3721

Deuteranopia

23.7572, 0.3554, 0.3489



Tritanopia

23.8554, 0.2712, 0.3093

Trichromacy



Original Color

23.9281, 0.2970, 0.3867

Protanomaly

23.8367, 0.3282, 0.3778

Deuteranomaly

23.3795, 0.3320, 0.3608

Tritanomaly

23.8592, 0.2800, 0.3363

Monochromacy



Original Color

23.9281, 0.2970, 0.3867

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.3318, 0.3062, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9281, 0.2970, 0.3867 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(101, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(101, 144, 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(101, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 144, 114) }
```

Border

The CSS property to change the border of an element to Yxy 23.9281, 0.2970, 0.3867 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(101, 144, 114) }
```

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

```
.border{ border-color:rgb(101, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(101, 144,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9281, 0.2970, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 144, 114) }
```

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

```
.background{ background-color: rgb(101,  
144, 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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