

Converting Colors

$Y_{xy}(40.8932, 0.2903, 0.3087)$

Have a look what the booklet for
Yxy(40.8932, 0.2903, 0.3087)
contains.

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Color

Yxy(40.9486, 0.2904, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	A0ADBB
RGB	160, 173, 187
RGB Percent	63%, 68%, 73%
CMY	0.3726, 0.3215, 0.2666
CMYK	0.14, 0.07, 0.00, 0.27
HSL	211°, 17%, 68%
HSV	211°, 14%, 73%
XYZ	38.4092, 40.9486, 52.9052
YIQ	170.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

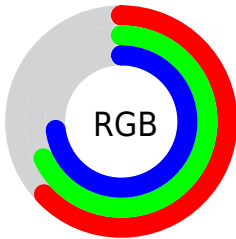
Format	Color
R _Y B	160, 169, 187
Decimal	10530235
CIE Lab	70.14, -1.63, -8.72
CIE LCh	70, 8.867, 259.388
Yxy	40.9486, 0.2904, 0.3096
Android (android.graphics.Color)	4288720315 (0xFFA0ADBB)
YUV	170.7090, 8.0315, -9.3918
Hunter-Lab	63.9911, -4.8440, -4.2247

Details

The Yxy color $40.9486, 0.2904, 0.3096$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $43.3757, 0.3365, 0.3477$, and the grayscale version is $40.5346, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4049, 0.2947, 0.3130$, and $18.5841, 0.2834, 0.3040$ is the 20% darker color. If you saturate the color by 10%, you get $35.5820, 0.2743, 0.2943$, and if you desaturate by 10%, it is $46.8783, 0.3060, 0.3234$.

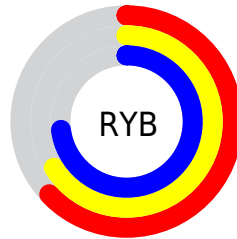
Distribution



Red (63%)

Green (68%)

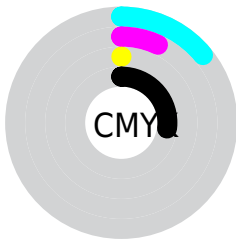
Blue (73%)



Red (63%)

Yellow (66%)

Blue (73%)

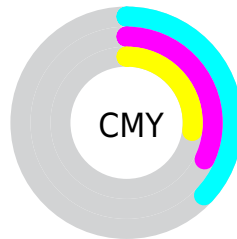


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9486, 0.2904, 0.3096 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 40.9486, 0.2904, 0.3096 by changing the saturation by 10% instead.

■ 40.9486, 0.2904,
0.3096

■ 40.9486, 0.2904,
0.3096

350.1057, 0.3017,
0.3195

■ 28.2789, 0.2875,
0.3071

■ 76.6059, 0.2946,
0.3133

■ 18.5360, 0.2838,
0.3037

■ 100.3622, 0.2961,
0.3146

■ 11.3355, 0.2787,
0.2993

128.5830, 0.2974,
0.3158

■ 6.2930, 0.2716,
0.2929

161.6524, 0.2985,
0.3167

■ 3.0240, 0.2606,
0.2830

199.9551, 0.2995,
0.3176

■ 1.1443, 0.2419,
0.2659

243.8752, 0.3003,

■ 0.0155, 0.0000,

0.3183

0.0241

293.7973, 0.3011,
0.3190

0.0000, 0.0000,
0.0000

40.9486, 0.2904,
0.3096

40.9486, 0.2904,
0.3096

35.5820, 0.2743,
0.2943

46.8783, 0.3060,
0.3234

30.7548, 0.2579,
0.2776

53.3835, 0.3209,
0.3356

26.4489, 0.2417,
0.2595

60.4828, 0.3349,
0.3465

22.6432, 0.2260,
0.2403

68.1922, 0.3480,
0.3561

19.3148, 0.2114,
0.2204

76.5270, 0.3602,
0.3645

■ 16.4384, 0.1985,
0.2003

■ 82.0937, 0.3589,
0.3738

■ 13.9857, 0.1877,
0.1805

■ 87.6762, 0.3565,
0.3830

■ 11.9235, 0.1794,
0.1616

■ 93.5639, 0.3542,
0.3919

■ 10.9165, 0.1755,
0.1516

■ 96.3688, 0.3532,
0.3959

Harmonies

Analogous

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



40.9486, 0.2878, 0.3174



40.9486, 0.2904, 0.3096



40.9486, 0.2989, 0.3071

Triad

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



40.9486, 0.2904, 0.3096



40.9486, 0.3341, 0.3288



40.9486, 0.3139, 0.3489

Complementary

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



40.9486, 0.2904, 0.3096



43.3757, 0.3365, 0.3477

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.



40.9486, 0.3264, 0.3517



40.9486, 0.2904, 0.3096



40.9486, 0.3383, 0.3398

Square

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



40.9486, 0.2904, 0.3096



40.9486, 0.3241, 0.3181



40.9486, 0.3354, 0.3483



40.9486, 0.3012, 0.3403

Rectangle

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



40.9486, 0.2904, 0.3096



40.9486, 0.3068, 0.3086



40.9486, 0.3354, 0.3483



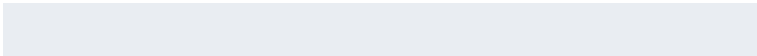
40.9486, 0.3182, 0.3505

Sweetspot

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



40.9503, 0.2904, 0.3096



84.3759, 0.3066, 0.3239



46.0759, 0.3005, 0.3470



18.3953, 0.3054, 0.3229



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.9503, 0.2904, 0.3096



70.5157, 0.2859, 0.3055



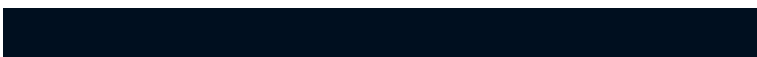
36.2419, 0.2902, 0.2911



9.9633, 0.2984, 0.3168



7.6628, 0.1760, 0.1537



0.4312, 0.1885, 0.1986

Inverse Universe

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



38.7200, 0.3270, 0.3118



65.9417, 0.3302, 0.3082



48.5984, 0.3337, 0.3643



9.6109, 0.3215, 0.3180



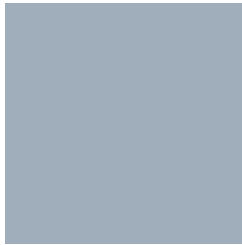
7.8033, 0.5011, 0.2534



0.3189, 0.4469, 0.2235

Previews

White Background



This preview shows how the Yxy color 40.9486, 0.2904, 0.3096 looks on a white background.

Color Contrast Check

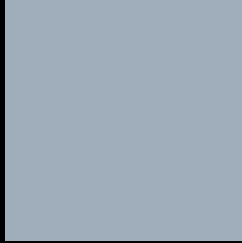
Large Text (above 18pt) WCAG AA × Fail

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 40.9486, 0.2904, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

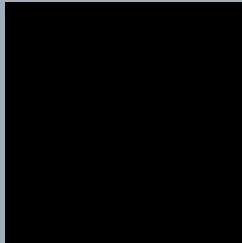
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

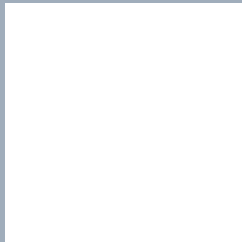
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9486, 0.2904, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 40.9486, 0.2904, 0.3096.



This preview shows how white text looks on a background with the Yxy color 40.9486, 0.2904, 0.3096.

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

40.9486, 0.2904, 0.3096

Protanopia

40.7983, 0.3004, 0.3086

Deuteranopia

40.9716, 0.3068, 0.3013



Tritanopia

40.9486, 0.2904, 0.3096

Trichromacy



Original Color

40.9486, 0.2904, 0.3096

Protanomaly

40.7780, 0.2962, 0.3085

Deuteranomaly

40.8910, 0.3006, 0.3035

Tritanomaly

40.9486, 0.2904, 0.3096

Monochromacy



Original Color

40.9486, 0.2904, 0.3096

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8949, 0.3042, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9486, 0.2904, 0.3096 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(160, 173, 187)` looks like.

```
.text, #text, p{  
    color:rgb(160, 173, 187)  
}
```

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(160, 173, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 173, 187) }
```

Border

The CSS property to change the border of an element to Yxy 40.9486, 0.2904, 0.3096 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(160, 173, 187) }
```

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

```
.border{ border-color:rgb(160, 173, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 173, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 173, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 173, 187);  
box-shadow:4px 4px 4px 4px rgb(160, 173,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9486, 0.2904, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 173, 187) }
```

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

```
.background{ background-color: rgb(160,  
173, 187) }
```

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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