

Converting Colors

$Y_{xy}(10.9055, 0.2837, 0.3074)$

Have a look what the booklet for
Yxy(10.9055, 0.2837, 0.3074)
contains.

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Color

Yxy(10.8237, 0.2843, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	535E67
RGB	83, 94, 103
RGB Percent	33%, 37%, 40%
CMY	0.6746, 0.6313, 0.5961
CMYK	0.19, 0.09, 0.00, 0.60
HSL	207°, 11%, 36%
HSV	207°, 19%, 40%
XYZ	10.0169, 10.8237, 14.3928
YIQ	91.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

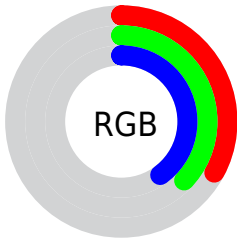
Format	Color
R_{YB}	83, 90, 103
Decimal	5463655
CIE _{Lab}	39.28, -2.11, -6.57
CIE _{LCh}	39, 6.897, 252.196
Yxy	10.8237, 0.2843, 0.3072
Android (android.graphics.Color)	4283653735 (0xFF535E67)
YUV	91.7370, 5.5527, -7.6623
Hunter-Lab	32.8994, -3.2262, -2.9086

Details

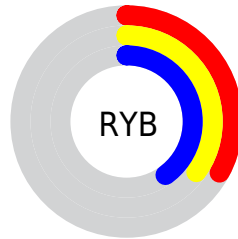
The Yxy color **10.8237, 0.2843, 0.3072** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.1575, 0.3443, 0.3499**, and the grayscale version is **10.6271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2662, 0.2921, 0.3126**, and **2.8115, 0.2697, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **9.5916, 0.2693, 0.2943**, and if you desaturate by 10%, it is **12.1757, 0.2991, 0.3190**.

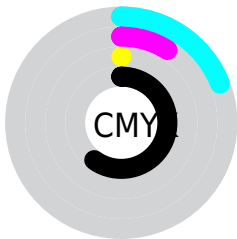
Distribution



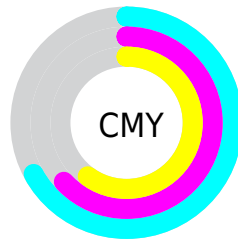
- Red (33%)
- Green (37%)
- Blue (40%)



- Red (33%)
- Yellow (35%)
- Blue (40%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (67%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.8237, 0.2843, 0.3072 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 10.8237, 0.2843, 0.3072 by changing the saturation by 10% instead.

■ 10.8237, 0.2843,
0.3072

■ 10.8237, 0.2843,
0.3072

■ 196.4540, 0.3018,
0.3208

■ 5.9484, 0.2782,
0.3024

■ 27.3337, 0.2918,
0.3130

■ 2.8137, 0.2687,
0.2948

■ 39.7372, 0.2942,
0.3149

■ 1.0353, 0.2521,
0.2813

■ 55.4189, 0.2961,
0.3164

■ 0.0000, 0.0000,
0.0000

■ 74.7632, 0.2977,
0.3176

■ 98.1544, 0.2990,
0.3186

125.9770, 0.3001,

0.3194

158.6154, 0.3010,
0.3201

■ 10.8237, 0.2843,
0.3072

■ 10.8237, 0.2843,
0.3072

■ 9.5916, 0.2693,
0.2943

■ 12.1757, 0.2991,
0.3190

■ 8.4741, 0.2544,
0.2804

■ 13.6498, 0.3135,
0.3296

■ 7.4674, 0.2398,
0.2654

■ 15.2502, 0.3274,
0.3391

■ 6.5672, 0.2260,
0.2497

■ 16.9801, 0.3406,
0.3476

■ 5.7685, 0.2134,
0.2335

■ 18.8428, 0.3531,
0.3551

■ 5.0660, 0.2023,
0.2170

■ 20.8413, 0.3649,
0.3618

■ 4.4537, 0.1930,
0.2006

■ 22.9788, 0.3759,
0.3677

■ 3.9086, 0.1848,
0.1843

■ 25.2579, 0.3862,
0.3728

■ 3.8790, 0.1843,
0.1834

■ 27.6817, 0.3958,
0.3773

Harmonies

Analogous

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



10.8237, 0.2831, 0.3179



10.8237, 0.2843, 0.3072



10.8237, 0.2929, 0.3026

Triad

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



10.8237, 0.2843, 0.3072



10.8237, 0.3363, 0.3254



10.8237, 0.3179, 0.3547

Complementary

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



10.8237, 0.2843, 0.3072



11.1575, 0.3443, 0.3499

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.



10.8237, 0.3324, 0.3563



10.8237, 0.2843, 0.3072



10.8237, 0.3433, 0.3389

Square

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



10.8237, 0.2843, 0.3072



10.8237, 0.3229, 0.3131



10.8237, 0.3419, 0.3503



10.8237, 0.3022, 0.3458

Rectangle

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



10.8237, 0.2843, 0.3072



10.8237, 0.3019, 0.3034



10.8237, 0.3419, 0.3503



10.8237, 0.3231, 0.3561

Sweetspot

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



10.8241, 0.2843, 0.3072



22.6379, 0.3039, 0.3225



12.3052, 0.2994, 0.3565



5.4958, 0.3032, 0.3221



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



10.8241, 0.2843, 0.3072



18.4206, 0.2779, 0.3019



9.2073, 0.2830, 0.2830



2.9899, 0.2999, 0.3195



4.8097, 0.1838, 0.1815



23.3189, 0.1812, 0.1724

Inverse Universe

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



9.8755, 0.3293, 0.3037



16.4622, 0.3337, 0.2979



12.9448, 0.3405, 0.3712



2.8693, 0.3196, 0.3177



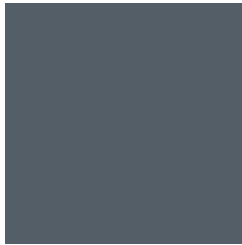
3.9891, 0.4667, 0.2345



20.6269, 0.4777, 0.2405

Previews

White Background



This preview shows how the Yxy color 10.8237, 0.2843, 0.3072 looks on a white 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

Black Background



This preview shows how the Yxy color 10.8237, 0.2843, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

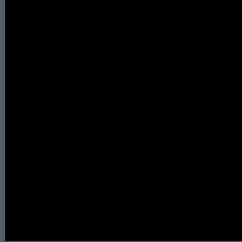
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

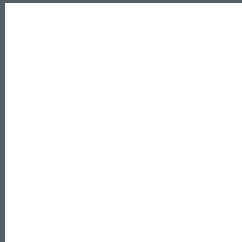
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.8237, 0.2843, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 10.8237, 0.2843, 0.3072.



This preview shows how white text looks on a background with the Yxy color 10.8237, 0.2843, 0.3072.

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

10.8237, 0.2843, 0.3072

Protanopia

10.8377, 0.2970, 0.3054

Deuteranopia

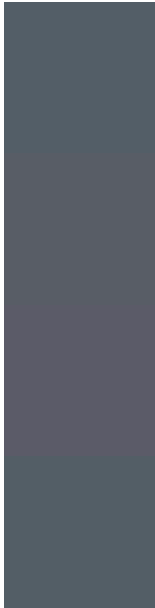
10.7986, 0.3018, 0.2968



Tritanopia

10.8037, 0.2856, 0.3095

Trichromacy



Original Color

10.8237, 0.2843, 0.3072

Protanomaly

10.8627, 0.2927, 0.3075

Deuteranomaly

10.7058, 0.2943, 0.2985

Tritanomaly

10.8037, 0.2856, 0.3095

Monochromacy



Original Color

10.8237, 0.2843, 0.3072

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.7971, 0.3023, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8237, 0.2843, 0.3072 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(83, 94, 103) looks like.

```
.text, #text, p{  
    color:rgb(83, 94, 103)  
}
```

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(83, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 94, 103) }
```

Border

The CSS property to change the border of an element to Yxy 10.8237, 0.2843, 0.3072 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(83, 94, 103) }
```

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

```
.border{ border-color:rgb(83, 94, 103) }
```

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

Here you see how a box with a 4 pixel rgb(83, 94, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(83, 94,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8237, 0.2843, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 94, 103) }
```

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

```
.background{ background-color: rgb(83, 94,  
103) }
```

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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