

Converting Colors

$Y_{xy}(10.8743, 0.3185, 0.2908)$

Have a look what the booklet for
Yxy(10.8743, 0.3185, 0.2908)
contains.

Yxy(10.9417, 0.3193, 0.2919)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.9417, 0.3193, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	6B5768
RGB	107, 87, 104
RGB Percent	42%, 34%, 41%
CMY	0.5804, 0.6588, 0.5922
CMYK	0.00, 0.19, 0.03, 0.58
HSL	309°, 10%, 38%
HSV	309°, 19%, 42%
XYZ	11.9688, 10.9417, 14.5739
YIQ	94.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

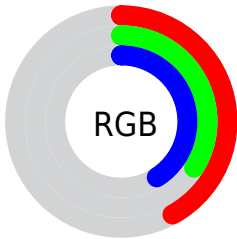
Format	Color
R_{YB}	107, 87, 104
Decimal	7034728
CIE _{Lab}	39.48, 11.47, -6.65
CIE _{LCh}	39, 13.255, 329.901
Yxy	10.9417, 0.3193, 0.2919
Android (android.graphics.Color)	4285224808 (0xFF6B5768)
YUV	94.9180, 4.4774, 10.5959
Hunter-Lab	33.0782, 6.7001, -2.9678

Details

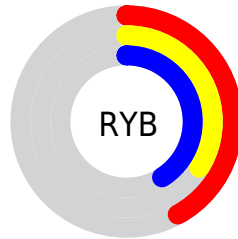
The Yxy color **10.9417, 0.3193, 0.2919** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2784, 0.3068, 0.3692**, and the grayscale version is **11.4110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6288, 0.3184, 0.3016**, and **2.8811, 0.3209, 0.2744** is the 20% darker color. If you saturate the color by 10%, you get **9.3037, 0.3235, 0.2715**, and if you desaturate by 10%, it is **12.8381, 0.3156, 0.3121**.

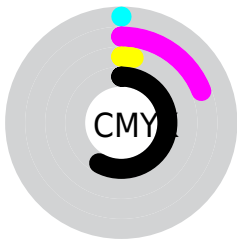
Distribution



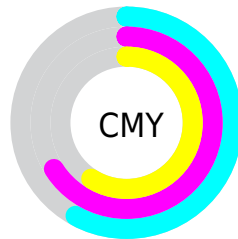
- Red (42%)
- Green (34%)
- Blue (41%)



- Red (42%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (58%)





- Cyan (58%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9417, 0.3193, 0.2919 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 10.9417, 0.3193, 0.2919 by changing the saturation by 10% instead.


 10.9417, 0.3193,
0.2919


 10.9417, 0.3193,
0.2919


197.2671, 0.3155,
0.3143


 6.0276, 0.3205,
0.2843


 27.5523, 0.3177,
0.3013

 2.8619, 0.3222,
0.2729

 40.0177, 0.3172,
0.3044

 1.0601, 0.3248,
0.2537

 55.7689, 0.3168,
0.3069

 0.0000, 0.3591,
0.0000

 75.1904, 0.3164,
0.3089

 0.0000, 0.0000,
0.0000

 98.6666, 0.3161,
0.3106

126.5818, 0.3159,

0.3121

159.3206, 0.3157,
0.3133

■ 10.9417, 0.3193,
0.2919

■ 10.9417, 0.3193,
0.2919

■ 9.3037, 0.3235,
0.2715

■ 12.8381, 0.3156,
0.3121

■ 7.9113, 0.3281,
0.2514

■ 15.0021, 0.3123,
0.3315

■ 6.7531, 0.3331,
0.2323

■ 17.4441, 0.3095,
0.3500

■ 5.8158, 0.3384,
0.2150

■ 20.1735, 0.3070,
0.3674

■ 5.0851, 0.3438,
0.2003

■ 23.1994, 0.3049,
0.3836

■ 4.5448, 0.3493,
0.1890

■ 26.5304, 0.3031,
0.3985

■ 4.1764, 0.3547,
0.1816

■ 30.1747, 0.3015,
0.4122

■ 3.9133, 0.3600,
0.1767

■ 34.1404, 0.3002,
0.4248

■ 3.8789, 0.3607,
0.1761

■ 38.4350, 0.2991,
0.4362

Harmonies

Analogous

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



10.9417, 0.2896, 0.2808



10.9417, 0.3193, 0.2919



10.9417, 0.3484, 0.3118

Triad

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



10.9417, 0.3193, 0.2919



10.9417, 0.3592, 0.3778



10.9417, 0.2603, 0.3174

Complementary

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



10.9417, 0.3193, 0.2919



13.2784, 0.3068, 0.3692

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.



10.9417, 0.2773, 0.3461



10.9417, 0.3193, 0.2919



10.9417, 0.3341, 0.3823

Square

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



10.9417, 0.3193, 0.2919



10.9417, 0.3720, 0.3605



10.9417, 0.3041, 0.3707



10.9417, 0.2567, 0.2939

Rectangle

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



10.9417, 0.3193, 0.2919



10.9417, 0.3631, 0.3280



10.9417, 0.3041, 0.3707



10.9417, 0.2646, 0.3268

Sweetspot

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



10.9422, 0.3193, 0.2919



23.9186, 0.3147, 0.3170



10.0531, 0.2884, 0.2821



5.7488, 0.3149, 0.3161



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



10.9422, 0.3193, 0.2919



18.3855, 0.3209, 0.2839



10.7512, 0.3350, 0.3134



3.1565, 0.3157, 0.3115



4.7163, 0.3611, 0.1763



23.9303, 0.3638, 0.1778

Inverse Universe

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



10.9422, 0.3193, 0.2919



18.3855, 0.3209, 0.2839



13.4600, 0.2946, 0.3452



3.1565, 0.3157, 0.3115



4.7163, 0.3611, 0.1763



23.9303, 0.3638, 0.1778

Previews

White Background



This preview shows how the Yxy color 10.9417, 0.3193, 0.2919 looks on a white background.

Color Contrast Check

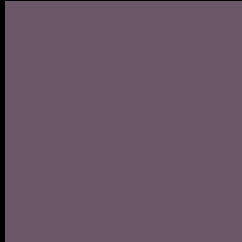
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9417, 0.3193, 0.2919 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 10.9417, 0.3193, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 10.9417, 0.3193, 0.2919.



This preview shows how white text looks on a background with the Yxy color 10.9417, 0.3193, 0.2919.

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

10.9417, 0.3193, 0.2919

Protanopia

10.8895, 0.2888, 0.2940

Deuteranopia

11.0028, 0.3047, 0.3015



Tritanopia

10.8698, 0.3315, 0.3134

Trichromacy



Original Color

10.9417, 0.3193, 0.2919

Protanomaly

10.8397, 0.2990, 0.2925

Deuteranomaly

11.0583, 0.3109, 0.2998

Tritanomaly

10.9255, 0.3268, 0.3068

Monochromacy



Original Color

10.9417, 0.3193, 0.2919

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.1888, 0.3149, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9417, 0.3193, 0.2919 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(107, 87, 104)` looks like.

```
.text, #text, p{  
    color:rgb(107, 87, 104)  
}
```

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(107, 87, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 87, 104) }
```

Border

The CSS property to change the border of an element to Yxy 10.9417, 0.3193, 0.2919 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(107, 87, 104) }
```

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

```
.border{ border-color:rgb(107, 87, 104) }
```

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

Here you see how a box with a 4 pixel rgb(107, 87, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 87, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 87, 104);  
box-shadow:4px 4px 4px 4px rgb(107, 87,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9417, 0.3193, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 87, 104) }
```

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

```
.background{ background-color: rgb(107, 87,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor