

Converting Colors

$Y_{xy}(10.8200, 0.3194, 0.2829)$

Have a look what the booklet for
Yxy(10.8200, 0.3194, 0.2829)
contains.

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Color

Yxy(10.7888, 0.3197, 0.2837)

Conversions

Conversions Part 1

Format	Color
Hex	6D556A
RGB	109, 85, 106
RGB Percent	43%, 33%, 42%
CMY	0.5725, 0.6667, 0.5842
CMYK	0.00, 0.22, 0.03, 0.57
HSL	307°, 12%, 38%
HSV	307°, 22%, 43%
XYZ	12.1578, 10.7888, 15.0823
YIQ	94.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

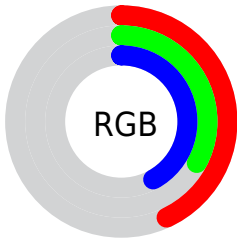
Format	Color
R_{YB}	109, 85, 106
Decimal	7165290
CIE _{Lab}	39.22, 13.90, -8.27
CIE _{LCh}	39, 16.175, 329.246
Yxy	10.7888, 0.3197, 0.2837
Android (android.graphics.Color)	4285355370 (0xFF6D556A)
YUV	94.5700, 5.6350, 12.6551
Hunter-Lab	32.8463, 8.5895, -4.2322

Details

The Yxy color **10.7888, 0.3197, 0.2837** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5739, 0.3064, 0.3789**, and the grayscale version is **11.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3393, 0.3187, 0.2958**, and **2.8255, 0.3216, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **9.1752, 0.3235, 0.2627**, and if you desaturate by 10%, it is **12.6683, 0.3163, 0.3046**.

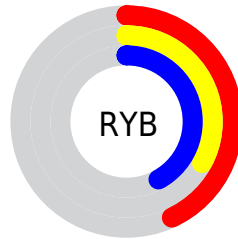
Distribution



Red (43%)

Green (33%)

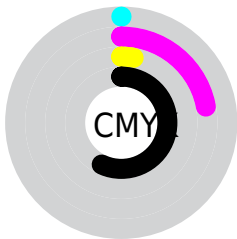
Blue (42%)



Red (43%)

Yellow (33%)

Blue (42%)

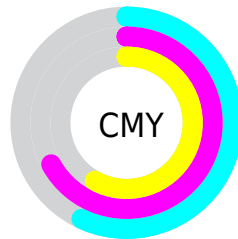


Cyan (0%)

Magenta (22%)

Yellow (3%)

Black (57%)



Cyan (57%)


Magenta (67%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.7888, 0.3197, 0.2837 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 10.7888, 0.3197, 0.2837 by changing the saturation by 10% instead.


 10.7888, 0.3197,
0.2837


 10.7888, 0.3197,
0.2837


196.2128, 0.3157,
0.3110


 5.9250, 0.3209,
0.2746


 27.2690, 0.3181,
0.2951


 2.7995, 0.3225,
0.2609

 39.6541, 0.3176,
0.2989


 1.0280, 0.3247,
0.2381

 55.3152, 0.3171,
0.3019

 0.0000, 0.3470,
0.0000

 74.6365, 0.3167,
0.3044

 0.0000, 0.0000,
0.0000

 98.0026, 0.3164,
0.3065

125.7977, 0.3162,

0.3082

158.4063, 0.3159,
0.3097

■ 10.7888, 0.3197,
0.2837

■ 10.7888, 0.3197,
0.2837

■ 9.1752, 0.3235,
0.2627

■ 12.6683, 0.3163,
0.3046

■ 7.8139, 0.3275,
0.2424

■ 14.8235, 0.3133,
0.3250

■ 6.6924, 0.3319,
0.2234

■ 17.2655, 0.3106,
0.3445

■ 5.7966, 0.3364,
0.2065

■ 20.0045, 0.3083,
0.3628

■ 5.1108, 0.3410,
0.1926

■ 23.0499, 0.3063,
0.3800

■ 4.6173, 0.3455,
0.1823

■ 26.4110, 0.3046,
0.3958

■ 4.2945, 0.3498,
0.1760

■ 30.0965, 0.3031,
0.4104

■ 4.0859, 0.3533,
0.1720

■ 34.1149, 0.3018,
0.4237

■ 38.4743, 0.3008,
0.4359

Harmonies

Analogous

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



10.7888, 0.2836, 0.2705



10.7888, 0.3197, 0.2837



10.7888, 0.3558, 0.3073

Triad

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



10.7888, 0.3197, 0.2837



10.7888, 0.3700, 0.3882



10.7888, 0.2493, 0.3150

Complementary

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



10.7888, 0.3197, 0.2837



13.5739, 0.3064, 0.3789

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.



10.7888, 0.2699, 0.3507



10.7888, 0.3197, 0.2837



10.7888, 0.3393, 0.3950

Square

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



10.7888, 0.3197, 0.2837



10.7888, 0.3856, 0.3661



10.7888, 0.3026, 0.3813



10.7888, 0.2447, 0.2862

Rectangle

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



10.7888, 0.3197, 0.2837



10.7888, 0.3741, 0.3267



10.7888, 0.3026, 0.3813



10.7888, 0.2545, 0.3267

Sweetspot

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



10.7893, 0.3197, 0.2837



24.4829, 0.3148, 0.3145



9.6659, 0.2822, 0.2724



5.6658, 0.3149, 0.3138



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.



10.7893, 0.3197, 0.2837



17.9026, 0.3214, 0.2738



10.5600, 0.3386, 0.3087



3.1577, 0.3153, 0.3110



4.7761, 0.3536, 0.1721



24.2493, 0.3557, 0.1733

Inverse Universe

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



10.7893, 0.3197, 0.2837



17.9026, 0.3214, 0.2738



13.7859, 0.2924, 0.3503



3.1577, 0.3153, 0.3110



4.7761, 0.3536, 0.1721



24.2493, 0.3557, 0.1733

Previews

White Background



This preview shows how the Yxy color 10.7888, 0.3197, 0.2837 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 10.7888, 0.3197, 0.2837 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 10.7888, 0.3197, 0.2837

Background



This preview shows how black text looks on a background with the Yxy color 10.7888, 0.3197, 0.2837.



This preview shows how white text looks on a background with the Yxy color 10.7888, 0.3197, 0.2837.

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

10.7888, 0.3197, 0.2837

Protanopia

10.9039, 0.2835, 0.2873

Deuteranopia

10.8190, 0.3004, 0.2946



Tritanopia

10.7503, 0.3350, 0.3134

Trichromacy



Original Color

10.7888, 0.3197, 0.2837

Protanomaly

10.7357, 0.2948, 0.2837

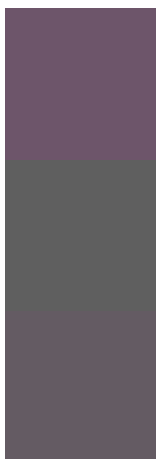
Deuteranomaly

10.7661, 0.3082, 0.2909

Tritanomaly

10.7256, 0.3305, 0.3026

Monochromacy



Original Color

10.7888, 0.3197, 0.2837

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.0923, 0.3151, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7888, 0.3197, 0.2837 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(109, 85, 106) looks like.

```
.text, #text, p{  
    color:rgb(109, 85, 106)  
}
```

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(109, 85, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 85, 106) }
```

Border

The CSS property to change the border of an element to Yxy 10.7888, 0.3197, 0.2837 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(109, 85, 106) }
```

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

```
.border{ border-color:rgb(109, 85, 106) }
```

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

Here you see how a box with a 4 pixel rgb(109, 85, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 85, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 85, 106);  
box-shadow:4px 4px 4px 4px rgb(109, 85,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7888, 0.3197, 0.2837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 85, 106) }
```

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

```
.background{ background-color: rgb(109, 85,  
106) }
```

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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