

Converting Colors

$Y_{xy}(10.4298, 0.3125, 0.2704)$

Have a look what the booklet for
Yxy(10.4298, 0.3125, 0.2704)
contains.

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Color

Yxy(10.5004, 0.3122, 0.2711)

Conversions

Conversions Part 1

Format	Color
Hex	6C536E
RGB	108, 83, 110
RGB Percent	42%, 33%, 43%
CMY	0.5764, 0.6745, 0.5686
CMYK	0.02, 0.25, 0.00, 0.57
HSL	296°, 14%, 38%
HSV	296°, 25%, 43%
XYZ	12.0923, 10.5004, 16.1399
YIQ	93.5530, 6.2330, 13.6970

Conversions

Conversions Part 2

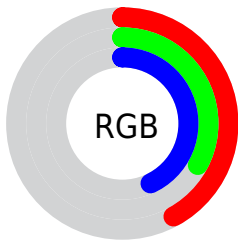
Format	Color
R_{YB}	108, 83, 110
Decimal	7099246
CIE _{Lab}	38.73, 15.59, -11.49
CIE _{LCh}	39, 19.365, 323.600
Yxy	10.5004, 0.3122, 0.2711
Android (android.graphics.Color)	4285289326 (0xFF6C536E)
YUV	93.5530, 8.1084, 12.6700
Hunter-Lab	32.4043, 9.9032, -6.8480

Details

The Yxy color **10.5004, 0.3122, 0.2711** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.7063, 0.3123, 0.3934**, and the grayscale version is **11.0623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.8573, 0.3126, 0.2855**, and **2.6947, 0.3110, 0.2446** is the 20% darker color. If you saturate the color by 10%, you get **8.8985, 0.3117, 0.2472**, and if you desaturate by 10%, it is **12.3708, 0.3125, 0.2951**.

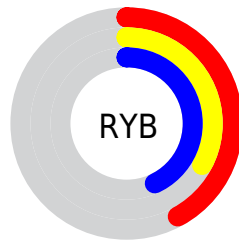
Distribution



Red (42%)

Green (33%)

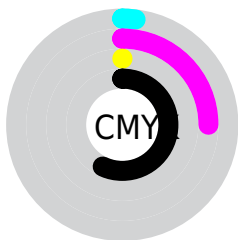
Blue (43%)



Red (42%)

Yellow (33%)

Blue (43%)

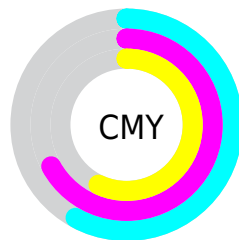


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (57%)



Cyan (58%)

Magenta (67%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5004, 0.3122, 0.2711 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 10.5004, 0.3122, 0.2711 by changing the saturation by 10% instead.


 10.5004, 0.3122,
0.2711


 10.5004, 0.3122,
0.2711


194.2072, 0.3130,
0.3058


 5.7320, 0.3116,
0.2596


 26.7325, 0.3127,
0.2855


 2.6828, 0.3103,
0.2425

 38.9651, 0.3128,
0.2904


 0.9685, 0.3072,
0.2146

 54.4544, 0.3129,
0.2942

 0.0000, 0.2750,
0.0000

 73.5849, 0.3130,
0.2974

 0.0000, 0.0000,
0.0000

 96.7411, 0.3130,
0.3000

124.3072, 0.3130,

0.3023

156.6678, 0.3130,
0.3042

■ 10.5004, 0.3122,
0.2711

■ 10.5004, 0.3122,
0.2711

■ 8.8985, 0.3117,
0.2472

■ 12.3708, 0.3125,
0.2951

■ 7.5512, 0.3109,
0.2242

■ 14.5200, 0.3127,
0.3186

■ 6.4452, 0.3100,
0.2029

■ 16.9595, 0.3127,
0.3412

■ 5.5659, 0.3088,
0.1841

■ 19.6998, 0.3126,
0.3625

■ 4.8966, 0.3075,
0.1685

■ 22.7509, 0.3124,
0.3823

■ 4.4187, 0.3059,
0.1567

■ 26.1221, 0.3122,
0.4007

■ 4.1002, 0.3043,
0.1486

■ 29.8225, 0.3119,
0.4175

■ 3.9440, 0.3033,
0.1445

■ 33.8609, 0.3116,
0.4328

■ 38.2456, 0.3113,
0.4467

Harmonies

Analogous

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



10.5004, 0.2704, 0.2582



10.5004, 0.3122, 0.2711



10.5004, 0.3571, 0.2969

Triad

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



10.5004, 0.3122, 0.2711



10.5004, 0.3867, 0.3959



10.5004, 0.2400, 0.3193

Complementary

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



10.5004, 0.3122, 0.2711



13.7063, 0.3123, 0.3934

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.



10.5004, 0.2675, 0.3634



10.5004, 0.3122, 0.2711



10.5004, 0.3520, 0.4094

Square

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



10.5004, 0.3122, 0.2711



10.5004, 0.4016, 0.3663



10.5004, 0.3082, 0.3981



10.5004, 0.2311, 0.2824

Rectangle

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



10.5004, 0.3122, 0.2711



10.5004, 0.3817, 0.3189



10.5004, 0.3082, 0.3981



10.5004, 0.2473, 0.3339

Sweetspot

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



10.5009, 0.3122, 0.2711



24.4549, 0.3127, 0.3125



9.5012, 0.2739, 0.2697



5.6590, 0.3127, 0.3117



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.



10.5009, 0.3122, 0.2711



16.9136, 0.3120, 0.2586



10.3974, 0.3333, 0.2946



3.4416, 0.3126, 0.3082



4.7331, 0.3032, 0.1444



23.4150, 0.3021, 0.1438

Inverse Universe

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



10.1571, 0.3568, 0.3247



16.2131, 0.3695, 0.3237



13.8026, 0.2964, 0.3661



3.4051, 0.3264, 0.3275



4.0017, 0.6273, 0.3229



19.8823, 0.6341, 0.3267

Previews

White Background



This preview shows how the Yxy color 10.5004, 0.3122, 0.2711 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 10.5004, 0.3122, 0.2711 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 10.5004, 0.3122, 0.2711

Background



This preview shows how black text looks on a background with the Yxy color 10.5004, 0.3122, 0.2711.



This preview shows how white text looks on a background with the Yxy color 10.5004, 0.3122, 0.2711.

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

10.5004, 0.3122, 0.2711

Protanopia

10.4814, 0.2715, 0.2711

Deuteranopia

10.5242, 0.2889, 0.2829



Tritanopia

10.5101, 0.3353, 0.3133

Trichromacy



Original Color

10.5004, 0.3122, 0.2711

Protanomaly

10.3358, 0.2848, 0.2700

Deuteranomaly

10.5172, 0.2978, 0.2795

Tritanomaly

10.5237, 0.3275, 0.2980

Monochromacy



Original Color

10.5004, 0.3122, 0.2711

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.8851, 0.3122, 0.3061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5004, 0.3122, 0.2711 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(108, 83, 110)` looks like.

```
.text, #text, p{  
    color:rgb(108, 83, 110)  
}
```

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(108, 83, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 83, 110) }
```

Border

The CSS property to change the border of an element to Yxy 10.5004, 0.3122, 0.2711 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(108, 83, 110) }
```

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

```
.border{ border-color:rgb(108, 83, 110) }
```

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

Here you see how a box with a 4 pixel rgb(108, 83, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 83, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 83, 110);  
box-shadow:4px 4px 4px 4px rgb(108, 83,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5004, 0.3122, 0.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 83, 110) }
```

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

```
.background{ background-color: rgb(108, 83,  
110) }
```

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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