

Converting Colors

$Y_{xy}(10.1623, 0.3265, 0.2873)$

Have a look what the booklet for
Yxy(10.1623, 0.3265, 0.2873)
contains.

Yxy(10.1623, 0.3265, 0.2873)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.1623, 0.3265, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	6C5265
RGB	108, 82, 101
RGB Percent	42%, 32%, 40%
CMY	0.5765, 0.6784, 0.6040
CMYK	0.00, 0.24, 0.06, 0.58
HSL	316°, 14%, 37%
HSV	316°, 24%, 42%
XYZ	11.5489, 10.1623, 13.6606
YIQ	91.9400, 9.3970, 11.4210

Conversions

Conversions Part 2

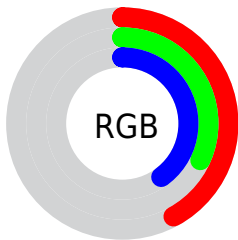
Format	Color
R_{YB}	108, 82, 101
Decimal	7098981
CIE _{Lab}	38.13, 14.32, -6.79
CIE _{LCh}	38, 15.850, 334.628
Yxy	10.1623, 0.3265, 0.2873
Android (android.graphics.Color)	4285289061 (0xFF6C5265)
YUV	91.9400, 4.4666, 14.0846
Hunter-Lab	31.8784, 8.8797, -3.0922

Details

The Yxy color **10.1623, 0.3265, 0.2873** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2385, 0.3013, 0.3747**, and the grayscale version is **10.6758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2431, 0.3232, 0.2984**, and **2.5501, 0.3339, 0.2669** is the 20% darker color. If you saturate the color by 10%, you get **8.6040, 0.3337, 0.2694**, and if you desaturate by 10%, it is **11.9799, 0.3202, 0.3050**.

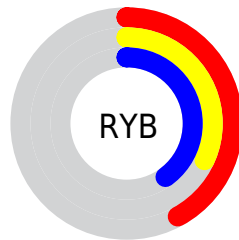
Distribution



Red (42%)

Green (32%)

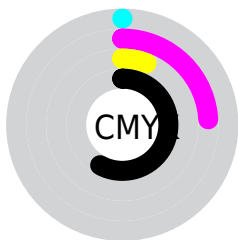
Blue (40%)



Red (42%)

Yellow (32%)

Blue (40%)

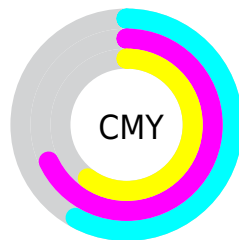


Cyan (0%)

Magenta (24%)

Yellow (6%)

Black (58%)



Cyan (58%)


Magenta (68%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.1623, 0.3265, 0.2873 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 10.1623, 0.3265, 0.2873 by changing the saturation by 10% instead.

 10.1623, 0.3265,
0.2873


 10.1623, 0.3265,
0.2873


191.8265, 0.3182,
0.3127


 5.5067, 0.3293,
0.2786


 26.1003, 0.3230,
0.2980


 2.5475, 0.3334,
0.2655

 38.1515, 0.3219,
0.3015


 0.9004, 0.3403,
0.2431

 53.4368, 0.3210,
0.3043

 0.0000, 0.3801,
0.0000

 72.3404, 0.3202,
0.3066

 0.0000, 0.0000,
0.0000

 95.2467, 0.3196,
0.3085

122.5403, 0.3191,

0.3101

154.6054, 0.3186,
0.3115

■ 10.1623, 0.3265,
0.2873

■ 10.1623, 0.3265,
0.2873

■ 8.6040, 0.3337,
0.2694

■ 11.9799, 0.3202,
0.3050

■ 7.2916, 0.3419,
0.2520

■ 14.0667, 0.3147,
0.3222

■ 6.2128, 0.3509,
0.2357

■ 16.4336, 0.3100,
0.3386

■ 5.3533, 0.3607,
0.2215

■ 19.0906, 0.3060,
0.3540

■ 4.6974, 0.3710,
0.2101

■ 22.0472, 0.3027,
0.3684

■ 4.2276, 0.3816,
0.2025

■ 25.3124, 0.2998,
0.3817

■ 3.9149, 0.3922,
0.1988

■ 28.8949, 0.2974,
0.3940

■ 3.7501, 0.3987,
0.1970

■ 32.8031, 0.2954,
0.4052

■ 37.0448, 0.2937,
0.4156

Harmonies

Analogous

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



10.1623, 0.2896, 0.2720



10.1623, 0.3265, 0.2873



10.1623, 0.3614, 0.3123

Triad

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



10.1623, 0.3265, 0.2873



10.1623, 0.3653, 0.3908



10.1623, 0.2472, 0.3091

Complementary

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



10.1623, 0.3265, 0.2873



13.2385, 0.3013, 0.3747

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.



10.1623, 0.2652, 0.3443



10.1623, 0.3265, 0.2873



10.1623, 0.3328, 0.3940

Square

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



10.1623, 0.3265, 0.2873



10.1623, 0.3842, 0.3709



10.1623, 0.2962, 0.3768



10.1623, 0.2457, 0.2824

Rectangle

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



10.1623, 0.3265, 0.2873



10.1623, 0.3778, 0.3321



10.1623, 0.2962, 0.3768



10.1623, 0.2515, 0.3203

Sweetspot

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



10.1628, 0.3265, 0.2873



23.5013, 0.3163, 0.3169



9.2393, 0.2849, 0.2676



5.6553, 0.3165, 0.3163



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.



10.1628, 0.3265, 0.2873



16.2232, 0.3305, 0.2770



9.9292, 0.3483, 0.3154



3.1507, 0.3173, 0.3139



4.4694, 0.3995, 0.1975



22.6230, 0.4051, 0.2005

Inverse Universe

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



10.1628, 0.3265, 0.2873



16.2232, 0.3305, 0.2770



13.4749, 0.2861, 0.3431



3.1507, 0.3173, 0.3139



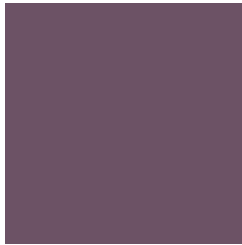
4.4694, 0.3995, 0.1975



22.6230, 0.4051, 0.2005

Previews

White Background



This preview shows how the Yxy color 10.1623, 0.3265, 0.2873 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 10.1623, 0.3265, 0.2873 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 10.1623, 0.3265, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 10.1623, 0.3265, 0.2873.



This preview shows how white text looks on a background with the Yxy color 10.1623, 0.3265, 0.2873.

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

10.1623, 0.3265, 0.2873

Protanopia

10.2116, 0.2855, 0.2885

Deuteranopia

10.2792, 0.3045, 0.3008



Tritanopia

10.2046, 0.3426, 0.3155

Trichromacy



Original Color

10.1623, 0.3265, 0.2873

Protanomaly

10.0879, 0.3003, 0.2872

Deuteranomaly

10.2283, 0.3126, 0.2968

Tritanomaly

10.1205, 0.3361, 0.3044

Monochromacy



Original Color

10.1623, 0.3265, 0.2873

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4023, 0.3184, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1623, 0.3265, 0.2873 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, 82, 101)` looks like.

```
.text, #text, p{  
    color:rgb(108, 82, 101)  
}
```

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, 82, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 82, 101) }
```

Border

The CSS property to change the border of an element to Yxy 10.1623, 0.3265, 0.2873 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, 82, 101) }
```

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

```
.border{ border-color:rgb(108, 82, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 82, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 82, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 82, 101);  
box-shadow:4px 4px 4px 4px rgb(108, 82,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1623, 0.3265, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 82, 101) }
```

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

```
.background{ background-color: rgb(108, 82,  
101) }
```

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