

Converting Colors

$Y_{xy}(10.6465, 0.2947, 0.2474)$

Have a look what the booklet for
Yxy(10.6465, 0.2947, 0.2474)
contains.

Yxy(10.6279, 0.2948, 0.2464)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.6279, 0.2948, 0.2464)

Conversions

Conversions Part 1

Format	Color
Hex	6C527A
RGB	108, 82, 122
RGB Percent	42%, 32%, 48%
CMY	0.5764, 0.6784, 0.5216
CMYK	0.11, 0.33, 0.00, 0.52
HSL	279°, 20%, 40%
HSV	279°, 33%, 48%
XYZ	12.7155, 10.6279, 19.7893
YIQ	94.3340, 2.6560, 17.9520

Conversions

Conversions Part 2

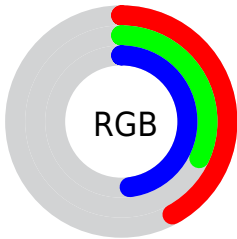
Format	Color
R_{YB}	108, 82, 122
Decimal	7099002
CIE _{Lab}	38.95, 18.88, -18.55
CIE _{LCh}	39, 26.473, 315.506
Yxy	10.6279, 0.2948, 0.2464
Android (android.graphics.Color)	4285289082 (0xFF6C527A)
YUV	94.3340, 13.6393, 11.9851
Hunter-Lab	32.6005, 12.5716, -13.1702

Details

The Yxy color **10.6279, 0.2948, 0.2464** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.0100, 0.3254, 0.4161**, and the grayscale version is **11.2437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.0713, 0.2997, 0.2661**, and **2.7648, 0.2838, 0.2105** is the 20% darker color. If you saturate the color by 10%, you get **8.6886, 0.2875, 0.2197**, and if you desaturate by 10%, it is **12.9083, 0.3012, 0.2729**.

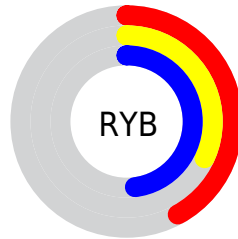
Distribution



Red (42%)

Green (32%)

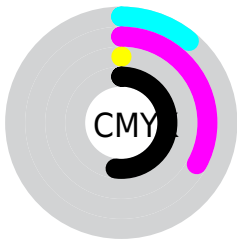
Blue (48%)



Red (42%)

Yellow (32%)

Blue (48%)

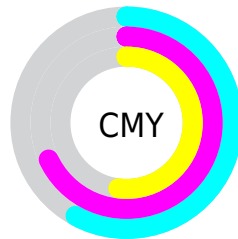


Cyan (11%)

Magenta (33%)

Yellow (0%)

Black (52%)



Cyan (58%)


Magenta (68%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6279, 0.2948, 0.2464 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 10.6279, 0.2948, 0.2464 by changing the saturation by 10% instead.


 10.6279, 0.2948,
0.2464


 10.6279, 0.2948,
0.2464


195.0966, 0.3067,
0.2951


 5.8172, 0.2902,
0.2310


 26.9700, 0.3001,
0.2663


 2.7343, 0.2828,
0.2087

 39.2702, 0.3018,
0.2730

 0.9946, 0.2692,
0.1743

 54.8357, 0.3031,
0.2785

 0.0000, 0.2281,
0.0000

 74.0509, 0.3041,
0.2830

 0.0000, 0.0000,
0.0000

 97.3002, 0.3049,
0.2867

124.9680, 0.3056,

0.2899

157.4387, 0.3062,
0.2927

■ 10.6279, 0.2948,
0.2464

■ 10.6279, 0.2948,
0.2464

■ 8.6886, 0.2875,
0.2197

■ 12.9083, 0.3012,
0.2729

■ 7.0715, 0.2795,
0.1937

■ 15.5446, 0.3068,
0.2984

■ 5.7580, 0.2709,
0.1693

■ 18.5525, 0.3115,
0.3226

■ 4.7268, 0.2618,
0.1478

■ 21.9463, 0.3155,
0.3451

■ 3.9539, 0.2527,
0.1300

■ 25.7395, 0.3188,
0.3658

■ 3.4103, 0.2438,
0.1167

■ 29.9449, 0.3215,
0.3847

■ 3.0834, 0.2375,
0.1082

■ 34.5748, 0.3238,
0.4018

■ 39.6409, 0.3255,
0.4173

■ 45.1547, 0.3269,
0.4312

Harmonies

Analogous

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



10.6279, 0.2434, 0.2345



10.6279, 0.2948, 0.2464



10.6279, 0.3566, 0.2757

Triad

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



10.6279, 0.2948, 0.2464



10.6279, 0.4205, 0.4073



10.6279, 0.2231, 0.3304

Complementary

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



10.6279, 0.2948, 0.2464



17.0100, 0.3254, 0.4161

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.



10.6279, 0.2643, 0.3921



10.6279, 0.2948, 0.2464



10.6279, 0.3785, 0.4362

Square

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



10.6279, 0.2948, 0.2464



10.6279, 0.4333, 0.3635



10.6279, 0.3211, 0.4335



10.6279, 0.2054, 0.2761

Rectangle

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



10.6279, 0.2948, 0.2464



10.6279, 0.3943, 0.3023



10.6279, 0.3211, 0.4335



10.6279, 0.2344, 0.3514

Sweetspot

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



10.6283, 0.2948, 0.2464



28.6358, 0.3081, 0.3047



11.5631, 0.2611, 0.2702



6.4169, 0.3075, 0.3019



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



10.6283, 0.2948, 0.2464



16.2001, 0.2897, 0.2273



11.4315, 0.3255, 0.2622



4.0108, 0.3086, 0.3076



3.2424, 0.2373, 0.1081



14.9786, 0.2331, 0.1058

Inverse Universe

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



11.0147, 0.3588, 0.3005



17.0332, 0.3731, 0.2940



16.4142, 0.3022, 0.4066



4.0360, 0.3227, 0.3216



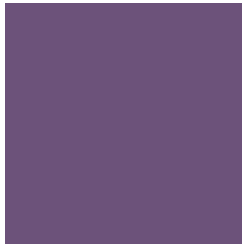
4.5354, 0.5497, 0.2802



21.4870, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 10.6279, 0.2948, 0.2464 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 10.6279, 0.2948, 0.2464 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 10.6279, 0.2948, 0.2464

Background



This preview shows how black text looks on a background with the Yxy color 10.6279, 0.2948, 0.2464.



This preview shows how white text looks on a background with the Yxy color 10.6279, 0.2948, 0.2464.

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

10.6279, 0.2948, 0.2464

Protanopia

10.7726, 0.2500, 0.2445

Deuteranopia

10.5997, 0.2656, 0.2608



Tritanopia

10.5676, 0.3300, 0.3131

Trichromacy



Original Color

10.6279, 0.2948, 0.2464

Protanomaly

10.6595, 0.2648, 0.2460

Deuteranomaly

10.5240, 0.2746, 0.2541

Tritanomaly

10.4997, 0.3163, 0.2870

Monochromacy



Original Color

10.6279, 0.2948, 0.2464

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.9645, 0.3064, 0.2973

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6279, 0.2948, 0.2464 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(108, 82, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 82, 122) }
```

Border

The CSS property to change the border of an element to Yxy 10.6279, 0.2948, 0.2464 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, 122) }
```

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

```
.border{ border-color:rgb(108, 82, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 82, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 82, 122);  
box-shadow:4px 4px 4px 4px rgb(108, 82,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6279, 0.2948, 0.2464 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, 122) }
```

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

```
.background{ background-color: rgb(108, 82,  
122) }
```

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