

Converting Colors

$Y_{xy}(10.1479, 0.2168, 0.1495)$

Have a look what the booklet for
Yxy(10.1479, 0.2168, 0.1495)
contains.

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Color

Yxy(10.0844, 0.2172, 0.1494)

Conversions

Conversions Part 1

Format	Color
Hex	5C48B1
RGB	92, 72, 177
RGB Percent	36%, 28%, 69%
CMY	0.6394, 0.7175, 0.3060
CMYK	0.48, 0.59, 0.00, 0.31
HSL	251°, 42%, 49%
HSV	251°, 59%, 69%
XYZ	14.6609, 10.0844, 42.7541
YIQ	89.9500, -21.7850, 36.8950

Conversions

Conversions Part 2

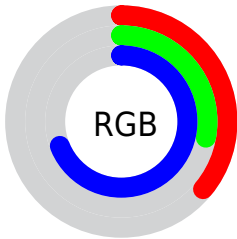
Format	Color
R _Y B	92, 72, 177
Decimal	6047921
CIE Lab	37.99, 35.42, -53.36
CIE LCh	38, 64.047, 303.574
Yxy	10.0844, 0.2172, 0.1494
Android (android.graphics.Color)	4284238001 (0xFF5C48B1)
YUV	89.9500, 42.9157, 1.7979
Hunter-Lab	31.7559, 26.8357, -57.5949

Details

The Yxy color **10.0844, 0.2172, 0.1494** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **39.0746, 0.3759, 0.4769**, and the grayscale version is **10.1185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.8538, 0.2413, 0.1848**, and **2.5210, 0.1750, 0.0967** is the 20% darker color. If you saturate the color by 10%, you get **7.4461, 0.1990, 0.1197**, and if you desaturate by 10%, it is **13.5216, 0.2360, 0.1819**.

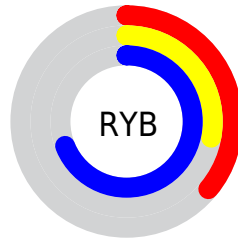
Distribution



Red (36%)

Green (28%)

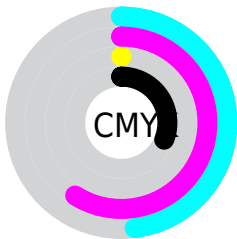
Blue (69%)



Red (36%)

Yellow (28%)

Blue (69%)

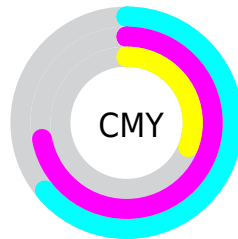


Cyan (48%)

Magenta (59%)

Yellow (0%)

Black (31%)



Cyan (64%)


Magenta (72%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0844, 0.2172, 0.1494 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 10.0844, 0.2172, 0.1494 by changing the saturation by 10% instead.


 10.0844, 0.2172,
0.1494


 10.0844, 0.2172,
0.1494


191.2734, 0.2755,
0.2454

 5.4550, 0.1993,
0.1254


 25.9541, 0.2410,
0.1848


 2.5166, 0.1748,
0.0960

 37.9632, 0.2491,
0.1981


 0.8849, 0.1404,
0.0611

 53.2009, 0.2557,
0.2092

 0.0000, 0.0935,
0.0000

 72.0517, 0.2611,
0.2187

 0.0000, 0.0000,
0.0000

 94.9000, 0.2656,
0.2268

122.1301, 0.2694,

0.2338

154.1264, 0.2727,
0.2400

■ 10.0844, 0.2172,
0.1494

■ 10.0844, 0.2172,
0.1494

■ 7.4461, 0.1990,
0.1197

■ 13.5216, 0.2360,
0.1819

■ 5.5397, 0.1828,
0.0951

■ 17.8154, 0.2545,
0.2152

■ 4.2884, 0.1695,
0.0771

■ 23.0193, 0.2718,
0.2476

■ 3.5506, 0.1598,
0.0658

■ 29.1818, 0.2875,
0.2780

■ 3.5065, 0.1592,
0.0651

■ 36.3484, 0.3014,
0.3057

■ 44.5612, 0.3135,
0.3307

■ 53.8603, 0.3240,
0.3527

■ 64.2834, 0.3329,
0.3721

■ 75.8664, 0.3406,
0.3891

Harmonies

Analogous

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



10.0844, 0.1384, 0.1384



10.0844, 0.2172, 0.1494



10.0844, 0.3495, 0.1899

Triad

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



10.0844, 0.2172, 0.1494



10.0844, 0.5599, 0.4165



10.0844, 0.1396, 0.3850

Complementary

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



10.0844, 0.2172, 0.1494



39.0746, 0.3759, 0.4769

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.



10.0844, 0.2297, 0.5649



10.0844, 0.2172, 0.1494



10.0844, 0.4716, 0.5226

Square

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



10.0844, 0.2172, 0.1494



10.0844, 0.5838, 0.3306



10.0844, 0.3482, 0.6012



10.0844, 0.1012, 0.2326

Rectangle

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



10.0844, 0.2172, 0.1494



10.0844, 0.4541, 0.2313



10.0844, 0.3482, 0.6012



10.0844, 0.1641, 0.4503

Sweetspot

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



10.0847, 0.2172, 0.1494



53.4730, 0.2889, 0.2808



28.9148, 0.2333, 0.2961



10.8566, 0.2847, 0.2725



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



10.0847, 0.2172, 0.1494



12.2151, 0.1940, 0.1119



13.7178, 0.2765, 0.1747



8.3052, 0.3013, 0.3057



2.5618, 0.1600, 0.0655



0.1036, 0.1857, 0.0797

Inverse Universe

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



16.4184, 0.3462, 0.2142



24.8053, 0.3557, 0.1973



34.9208, 0.3280, 0.5036



8.6185, 0.3165, 0.3107



8.2263, 0.3747, 0.1838



0.2660, 0.3572, 0.1742

Previews

White Background



This preview shows how the Yxy color 10.0844, 0.2172, 0.1494 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 10.0844, 0.2172, 0.1494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

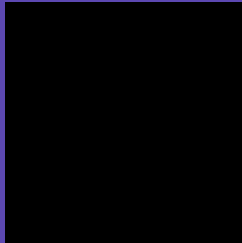
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.0844, 0.2172, 0.1494

Background



This preview shows how black text looks on a background with the Yxy color 10.0844, 0.2172, 0.1494.



This preview shows how white text looks on a background with the Yxy color 10.0844, 0.2172, 0.1494.

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

10.0844, 0.2172, 0.1494

Protanopia

10.0745, 0.1745, 0.1480

Deuteranopia

9.9854, 0.1845, 0.1843



Tritanopia

10.0704, 0.2692, 0.3084

Trichromacy



Original Color

10.0844, 0.2172, 0.1494

Protanomaly

9.5444, 0.1794, 0.1438

Deuteranomaly

9.4172, 0.1860, 0.1640

Tritanomaly

9.7017, 0.2456, 0.2302

Monochromacy



Original Color

10.0844, 0.2172, 0.1494

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.8158, 0.2699, 0.2426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0844, 0.2172, 0.1494 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(92, 72, 177)` looks like.

```
.text, #text, p{  
    color:rgb(92, 72, 177)  
}
```

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(92, 72, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 72, 177) }
```

Border

The CSS property to change the border of an element to Yxy 10.0844, 0.2172, 0.1494 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(92, 72, 177) }
```

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

```
.border{ border-color:rgb(92, 72, 177) }
```

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

Here you see how a box with a 4 pixel rgb(92, 72, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 72, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 72, 177);  
box-shadow:4px 4px 4px 4px rgb(92, 72,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 10.0844, 0.2172, 0.1494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 72, 177) }
```

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

```
.background{ background-color: rgb(92, 72,  
177) }
```

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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