

Converting Colors

$Y_{xy}(10.8165, 0.3124, 0.2219)$

Have a look what the booklet for
Yxy(10.8165, 0.3124, 0.2219)
contains.

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Color

Yxy(10.7854, 0.3114, 0.2214)

Conversions

Conversions Part 1

Format	Color
Hex	7F4883
RGB	127, 72, 131
RGB Percent	50%, 28%, 51%
CMY	0.5019, 0.7177, 0.4862
CMYK	0.03, 0.45, 0.00, 0.49
HSL	296°, 29%, 40%
HSV	296°, 45%, 51%
XYZ	15.1697, 10.7854, 22.7594
YIQ	95.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

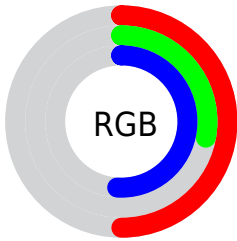
Format	Color
R_{YB}	127, 72, 131
Decimal	8341635
CIE _{Lab}	39.22, 33.21, -23.49
CIE _{LCh}	39, 40.683, 324.727
Yxy	10.7854, 0.3114, 0.2214
Android (android.graphics.Color)	4286531715 (0xFF7F4883)
YUV	95.1710, 17.6637, 27.9140
Hunter-Lab	32.8411, 24.9793, -18.1001

Details

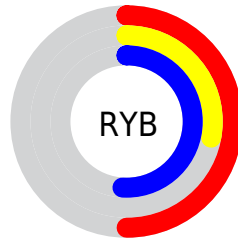
The Yxy color **10.7854, 0.3114, 0.2214** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **18.2393, 0.3105, 0.4617**, and the grayscale version is **11.4412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.2035, 0.3133, 0.2459**, and **2.7838, 0.3063, 0.1779** is the 20% darker color. If you saturate the color by 10%, you get **9.2013, 0.3106, 0.2001**, and if you desaturate by 10%, it is **12.7320, 0.3120, 0.2446**.

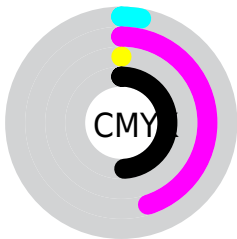
Distribution



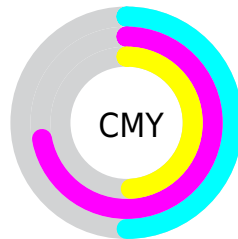
- Red (50%)
- Green (28%)
- Blue (51%)



- Red (50%)
- Yellow (28%)
- Blue (51%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (49%)




- Cyan (50%)
- Magenta (72%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.7854, 0.3114, 0.2214 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 10.7854, 0.3114, 0.2214 by changing the saturation by 10% instead.


 10.7854, 0.3114,
0.2214


 10.7854, 0.3114,
0.2214


196.1893, 0.3140,
0.2829


 5.9227, 0.3095,
0.2031


 27.2626, 0.3131,
0.2458


 2.7981, 0.3059,
0.1778

 39.6460, 0.3135,
0.2544

 1.0273, 0.2981,
0.1410

 55.3050, 0.3137,
0.2613

 0.0000, 0.3032,
0.0000

 74.6242, 0.3138,
0.2671

 0.0000, 0.0000,
0.0000

 97.9878, 0.3139,
0.2720

125.7802, 0.3140,

0.2761

158.3859, 0.3140,
0.2797

■ 10.7854, 0.3114,
0.2214

■ 10.7854, 0.3114,
0.2214

■ 9.2013, 0.3106,
0.2001

■ 12.7320, 0.3120,
0.2446

■ 7.9552, 0.3095,
0.1816

■ 15.0609, 0.3124,
0.2688

■ 7.0218, 0.3083,
0.1665

■ 17.7919, 0.3127,
0.2932

■ 6.3713, 0.3068,
0.1554

■ 20.9433, 0.3127,
0.3172

■ 5.9610, 0.3053,
0.1482

■ 24.5321, 0.3127,
0.3403

■ 5.7883, 0.3045,
0.1451

■ 28.5745, 0.3125,
0.3620

■ 33.0856, 0.3123,
0.3823

■ 38.0802, 0.3120,
0.4010

■ 43.5720, 0.3116,
0.4180

Harmonies

Analogous

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



10.7854, 0.2301, 0.1968



10.7854, 0.3114, 0.2214



10.7854, 0.4067, 0.2670

Triad

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



10.7854, 0.3114, 0.2214



10.7854, 0.4522, 0.4541



10.7854, 0.1707, 0.2980

Complementary

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



10.7854, 0.3114, 0.2214



18.2393, 0.3105, 0.4617

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.



10.7854, 0.2165, 0.3986



10.7854, 0.3114, 0.2214



10.7854, 0.3785, 0.4975

Square

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



10.7854, 0.3114, 0.2214



10.7854, 0.4922, 0.3904



10.7854, 0.2924, 0.4829



10.7854, 0.1593, 0.2289

Rectangle

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



10.7854, 0.3114, 0.2214



10.7854, 0.4592, 0.3053



10.7854, 0.2924, 0.4829



10.7854, 0.1820, 0.3293

Sweetspot

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



10.7859, 0.3114, 0.2214



32.2414, 0.3127, 0.2950



8.3107, 0.2336, 0.2062



7.2773, 0.3126, 0.2905



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



10.7859, 0.3114, 0.2214



16.4259, 0.3105, 0.1997



10.5086, 0.3590, 0.2638



4.7473, 0.3127, 0.3075



5.6969, 0.3045, 0.1451



0.0209, 0.3132, 0.1499

Inverse Universe

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



9.9807, 0.4183, 0.3216



14.8273, 0.4571, 0.3203



18.4685, 0.2842, 0.4060



4.6934, 0.3269, 0.3276



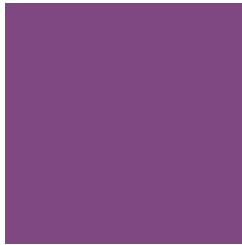
4.7690, 0.6294, 0.3241



0.0168, 0.5852, 0.2997

Previews

White Background



This preview shows how the Yxy color 10.7854, 0.3114, 0.2214 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 10.7854, 0.3114, 0.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

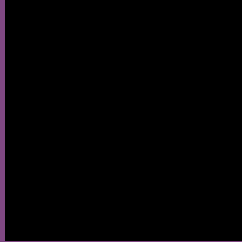
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.7854, 0.3114, 0.2214

Background



This preview shows how black text looks on a background with the Yxy color 10.7854, 0.3114, 0.2214.



This preview shows how white text looks on a background with the Yxy color 10.7854, 0.3114, 0.2214.

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

10.7854, 0.3114, 0.2214

Protanopia

10.9665, 0.2257, 0.2119

Deuteranopia

10.9804, 0.2547, 0.2511



Tritanopia

10.8041, 0.3712, 0.3167

Trichromacy



Original Color

10.7854, 0.3114, 0.2214

Protanomaly

10.5390, 0.2503, 0.2129

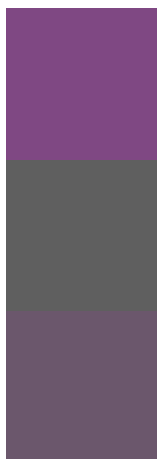
Deuteranomaly

10.6522, 0.2727, 0.2385

Tritanomaly

10.6592, 0.3478, 0.2769

Monochromacy



Original Color

10.7854, 0.3114, 0.2214

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.0249, 0.3133, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.7854, 0.3114, 0.2214 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(127, 72, 131)` looks like.

```
.text, #text, p{  
    color:rgb(127, 72, 131)  
}
```

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(127, 72, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 72, 131) }
```

Border

The CSS property to change the border of an element to Yxy 10.7854, 0.3114, 0.2214 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(127, 72, 131) }
```

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

```
.border{ border-color:rgb(127, 72, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 72, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 72, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 72, 131);  
box-shadow:4px 4px 4px 4px rgb(127, 72,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 10.7854, 0.3114, 0.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 72, 131) }
```

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

```
.background{ background-color: rgb(127, 72,  
131) }
```

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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