

Converting Colors

$Y_{xy}(11.4804, 0.4481, 0.2266)$

Have a look what the booklet for
Yxy(11.4804, 0.4481, 0.2266)
contains.

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Color

Yxy(11.5122, 0.4497, 0.2274)

Conversions

Conversions Part 1

Format	Color
Hex	B80770
RGB	184, 7, 112
RGB Percent	72%, 3%, 44%
CMY	0.2785, 0.9722, 0.5608
CMYK	0.00, 0.96, 0.39, 0.28
HSL	324°, 93%, 37%
HSV	324°, 96%, 72%
XYZ	22.7662, 11.5122, 16.3469
YIQ	71.8930, 71.7870, 70.1790

Conversions

Conversions Part 2

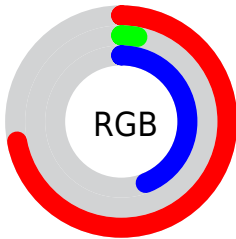
Format	Color
RYB	184, 7, 112
Decimal	12060528
CIELab	40.43, 67.29, -9.00
CIElCh	40, 67.885, 352.378
Yxy	11.5122, 0.4497, 0.2274
Android (android.graphics.Color)	4290250608 (0xFFB80770)
YUV	71.8930, 19.7728, 98.3178
Hunter-Lab	33.9296, 60.3936, -4.8145

Details

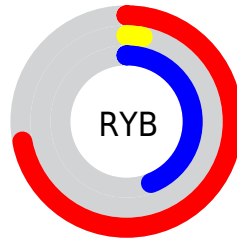
The Yxy color **11.5122, 0.4497, 0.2274** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **34.8903, 0.2795, 0.5231**, and the grayscale version is **6.4248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7484, 0.4161, 0.2509**, and **4.7301, 0.4841, 0.2440** is the 20% darker color. If you saturate the color by 10%, you get **11.2961, 0.4569, 0.2290**, and if you desaturate by 10%, it is **12.2488, 0.4312, 0.2249**.

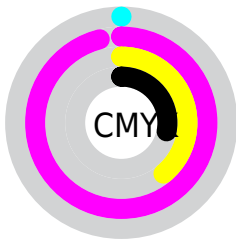
Distribution



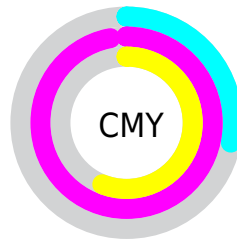
- Red (72%)
- Green (3%)
- Blue (44%)



- Red (72%)
- Yellow (3%)
- Blue (44%)



- Cyan (0%)
- Magenta (96%)
- Yellow (39%)
- Black (28%)





- Cyan (28%)
- Magenta (97%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5122, 0.4497, 0.2274 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 11.5122, 0.4497, 0.2274 by changing the saturation by 10% instead.


 11.5122, 0.4497,
0.2274


 11.5122, 0.4497,
0.2274


201.1486, 0.3683,
0.2859


 6.4125, 0.4757,
0.2098


 28.6035, 0.4163,
0.2508


 3.0975, 0.5133,
0.1853

 41.3639, 0.4049,
0.2589


 1.1828, 0.5713,
0.1494

 57.4465, 0.3958,
0.2655

 0.0476, 0.7332,
0.0174

 77.2359, 0.3883,
0.2710

 0.0000, 1.0000,
0.0000

 101.1164, 0.3821,
0.2756

 0.0000, 0.0000,
0.0000

 129.4725, 0.3768,

0.2795

162.6884, 0.3722,
0.2830

■ 11.5122, 0.4497,
0.2274

■ 11.5122, 0.4497,
0.2274

■ 11.2961, 0.4569,
0.2290

■ 12.2488, 0.4312,
0.2249

■ 13.5132, 0.4124,
0.2275

■ 15.3989, 0.3941,
0.2349

■ 17.9776, 0.3769,
0.2458

■ 21.3112, 0.3614,
0.2594

■ 25.4545, 0.3477,
0.2743

■ 30.4575, 0.3358,
0.2898

■ 36.3657, 0.3257,
0.3053

■ 43.2216, 0.3172,
0.3202

Harmonies

Analogous

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



11.5122, 0.2939, 0.1699



11.5122, 0.4497, 0.2274



11.5122, 0.5694, 0.3009

Triad

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



11.5122, 0.4497, 0.2274



11.5122, 0.3944, 0.5812



11.5122, 0.0966, 0.1780

Complementary

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



11.5122, 0.4497, 0.2274



34.8903, 0.2795, 0.5231

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.



11.5122, 0.1080, 0.2781



11.5122, 0.4497, 0.2274



11.5122, 0.2714, 0.6042

Square

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



11.5122, 0.4497, 0.2274



11.5122, 0.5109, 0.4820



11.5122, 0.1655, 0.4601



11.5122, 0.1192, 0.1405

Rectangle

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



11.5122, 0.4497, 0.2274



11.5122, 0.5894, 0.3534



11.5122, 0.1655, 0.4601



11.5122, 0.0963, 0.2026

Sweetspot

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



11.5129, 0.4497, 0.2274



52.0160, 0.3396, 0.2847



5.2272, 0.1888, 0.0832



10.3921, 0.3446, 0.2781



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



11.5129, 0.4497, 0.2274



20.4299, 0.4597, 0.2306



10.4125, 0.6199, 0.3225



9.0992, 0.3198, 0.3155



7.8000, 0.4547, 0.2279



0.2869, 0.4116, 0.2041

Inverse Universe

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



11.5129, 0.4497, 0.2274



20.4299, 0.4597, 0.2306



37.0888, 0.2336, 0.3589



9.0992, 0.3198, 0.3155



7.8000, 0.4547, 0.2279



0.2869, 0.4116, 0.2041

Previews

White Background



This preview shows how the Yxy color 11.5122, 0.4497, 0.2274 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 11.5122, 0.4497, 0.2274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

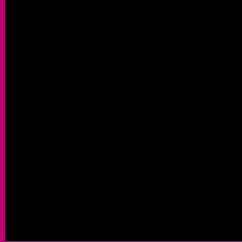
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5122, 0.4497, 0.2274

Background



This preview shows how black text looks on a background with the Yxy color 11.5122, 0.4497, 0.2274.



This preview shows how white text looks on a background with the Yxy color 11.5122, 0.4497, 0.2274.

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

11.5122, 0.4497, 0.2274

Protanopia

12.0621, 0.2173, 0.2010

Deuteranopia

12.1270, 0.3136, 0.3092



Tritanopia

11.7773, 0.5654, 0.3288

Trichromacy



Original Color

11.5122, 0.4497, 0.2274



Protanomaly

8.9829, 0.2715, 0.1818



Deuteranomaly

9.6031, 0.3642, 0.2480



Tritanomaly

11.2459, 0.5326, 0.2900

Monochromacy



Original Color

11.5122, 0.4497, 0.2274



Achromatopsia

6.4803, 0.3127, 0.3290



Achromatomaly

6.3127, 0.3741, 0.2463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5122, 0.4497, 0.2274 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(184, 7, 112)` looks like.

```
.text, #text, p{  
    color:rgb(184, 7, 112)  
}
```

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(184, 7, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 7, 112) }
```

Border

The CSS property to change the border of an element to Yxy 11.5122, 0.4497, 0.2274 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(184, 7, 112) }
```

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

```
.border{ border-color:rgb(184, 7, 112) }
```

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

Here you see how a box with a 4 pixel rgb(184, 7, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 7, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 7, 112);  
box-shadow:4px 4px 4px 4px rgb(184, 7,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5122, 0.4497, 0.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 7, 112) }
```

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

```
.background{ background-color: rgb(184, 7,  
112) }
```

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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