

Converting Colors

$Y_{xy}(11.4214, 0.4144, 0.2335)$

Have a look what the booklet for
Yxy(11.4214, 0.4144, 0.2335)
contains.

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Color

Yxy(11.4742, 0.4138, 0.2332)

Conversions

Conversions Part 1

Format	Color
Hex	A92C73
RGB	169, 44, 115
RGB Percent	66%, 17%, 45%
CMY	0.3372, 0.8275, 0.5489
CMYK	0.00, 0.74, 0.32, 0.34
HSL	326°, 59%, 42%
HSV	326°, 74%, 66%
XYZ	20.3603, 11.4742, 17.3688
YIQ	89.4690, 51.7090, 48.5810

Conversions

Conversions Part 2

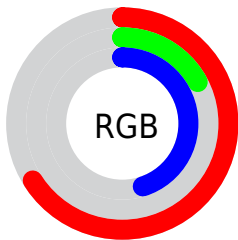
Format	Color
RYB	169, 44, 115
Decimal	11086963
CIELab	40.37, 56.21, -11.28
CIElCh	40, 57.326, 348.651
Yxy	11.4742, 0.4138, 0.2332
Android (android.graphics.Color)	4289277043 (0xFFA92C73)
YUV	89.4690, 12.5868, 69.7487
Hunter-Lab	33.8736, 48.0117, -6.6896

Details

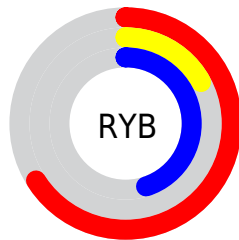
The Yxy color **11.4742, 0.4138, 0.2332** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **29.7965, 0.2740, 0.4684**, and the grayscale version is **10.0614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5914, 0.3895, 0.2553**, and **3.8500, 0.4476, 0.2239** is the 20% darker color. If you saturate the color by 10%, you get **10.3008, 0.4339, 0.2298**, and if you desaturate by 10%, it is **13.1746, 0.3944, 0.2410**.

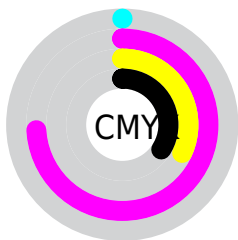
Distribution



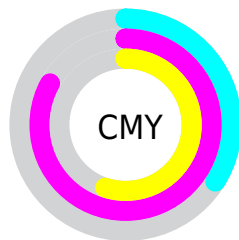
- Red (66%)
- Green (17%)
- Blue (45%)



- Red (66%)
- Yellow (17%)
- Blue (45%)



- Cyan (0%)
- Magenta (74%)
- Yellow (32%)
- Black (34%)




- Cyan (34%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4742, 0.4138, 0.2332 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 11.4742, 0.4138, 0.2332 by changing the saturation by 10% instead.


 11.4742, 0.4138,
0.2332

 11.4742, 0.4138,
0.2332


200.8926, 0.3539,
0.2882


 6.3867, 0.4330,
0.2166


 28.5338, 0.3892,
0.2552


 3.0816, 0.4608,
0.1934

 41.2747, 0.3809,
0.2628

 1.1745, 0.5044,
0.1590

 57.3355, 0.3742,
0.2690

 0.0407, 0.6393,
0.0168

 77.1007, 0.3687,
0.2742

 0.0000, 1.0000,
0.0000

 100.9546, 0.3641,
0.2785

 0.0000, 0.0000,
0.0000

 129.2816, 0.3602,

0.2822

162.4661, 0.3568,
0.2855

■ 11.4742, 0.4138,
0.2332

■ 11.4742, 0.4138,
0.2332

■ 10.3008, 0.4339,
0.2298

■ 13.1746, 0.3944,
0.2410

■ 9.5857, 0.4539,
0.2315

■ 15.4562, 0.3766,
0.2522

■ 9.2814, 0.4660,
0.2341

■ 18.3683, 0.3605,
0.2655

■ 21.9542, 0.3465,
0.2800

■ 26.2537, 0.3345,
0.2949

■ 31.3033, 0.3243,
0.3096

■ 37.1371, 0.3157,
0.3236

■ 43.7868, 0.3086,
0.3369

■ 51.2827, 0.3026,
0.3493

Harmonies

Analogous

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



11.4742, 0.2833, 0.1827



11.4742, 0.4138, 0.2332



11.4742, 0.5240, 0.3010

Triad

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



11.4742, 0.4138, 0.2332



11.4742, 0.4072, 0.5421



11.4742, 0.1181, 0.2065

Complementary

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



11.4742, 0.4138, 0.2332



29.7965, 0.2740, 0.4684

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.



11.4742, 0.1359, 0.3055



11.4742, 0.4138, 0.2332



11.4742, 0.2980, 0.5627

Square

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



11.4742, 0.4138, 0.2332



11.4742, 0.5017, 0.4607



11.4742, 0.1977, 0.4580



11.4742, 0.1350, 0.1638

Rectangle

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



11.4742, 0.4138, 0.2332



11.4742, 0.5533, 0.3505



11.4742, 0.1977, 0.4580



11.4742, 0.1198, 0.2322

Sweetspot

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



11.4748, 0.4138, 0.2332



48.3517, 0.3327, 0.2972



7.1562, 0.2212, 0.1228



10.0679, 0.3356, 0.2934



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



11.4748, 0.4138, 0.2332



17.5149, 0.4472, 0.2303



10.5066, 0.5425, 0.3177



7.6110, 0.3201, 0.3162



6.9273, 0.4641, 0.2330



0.1785, 0.4054, 0.2007

Inverse Universe

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



11.4748, 0.4138, 0.2332



17.5149, 0.4472, 0.2303



31.4043, 0.2373, 0.3474



7.6110, 0.3201, 0.3162



6.9273, 0.4641, 0.2330



0.1785, 0.4054, 0.2007

Previews

White Background



This preview shows how the Yxy color 11.4742, 0.4138, 0.2332 looks on a white background.

Color Contrast Check

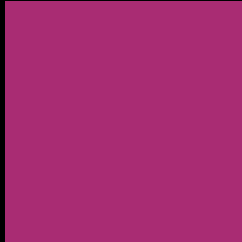
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4742, 0.4138, 0.2332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

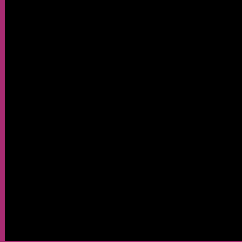
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4742, 0.4138, 0.2332

Background



This preview shows how black text looks on a background with the Yxy color 11.4742, 0.4138, 0.2332.



This preview shows how white text looks on a background with the Yxy color 11.4742, 0.4138, 0.2332.

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

11.4742, 0.4138, 0.2332

Protanopia

11.7356, 0.2266, 0.2129

Deuteranopia

11.7974, 0.3022, 0.2979



Tritanopia

11.4861, 0.5073, 0.3241

Trichromacy



Original Color

11.4742, 0.4138, 0.2332

Protanomaly

10.2551, 0.2748, 0.2091

Deuteranomaly

10.6766, 0.3397, 0.2607

Tritanomaly

11.3545, 0.4747, 0.2903

Monochromacy



Original Color

11.4742, 0.4138, 0.2332

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.4985, 0.3515, 0.2768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4742, 0.4138, 0.2332 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(169, 44, 115)` looks like.

```
.text, #text, p{  
    color:rgb(169, 44, 115)  
}
```

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(169, 44, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 44, 115) }
```

Border

The CSS property to change the border of an element to Yxy 11.4742, 0.4138, 0.2332 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(169, 44, 115) }
```

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

```
.border{ border-color:rgb(169, 44, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 44, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 44, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 44, 115);  
box-shadow:4px 4px 4px 4px rgb(169, 44,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4742, 0.4138, 0.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 44, 115) }
```

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

```
.background{ background-color: rgb(169, 44,  
115) }
```

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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