

Converting Colors

$Y_{xy}(11.4016, 0.3681, 0.1942)$

Have a look what the booklet for
Yxy(11.4016, 0.3681, 0.1942)
contains.

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Color

Yxy(11.4162, 0.3672, 0.1937)

Conversions

Conversions Part 1

Format	Color
Hex	A9218C
RGB	169, 33, 140
RGB Percent	66%, 13%, 55%
CMY	0.3372, 0.8706, 0.4509
CMYK	0.00, 0.80, 0.17, 0.34
HSL	313°, 67%, 40%
HSV	313°, 80%, 66%
XYZ	21.6419, 11.4162, 25.8795
YIQ	85.8620, 46.7090, 62.1090

Conversions

Conversions Part 2

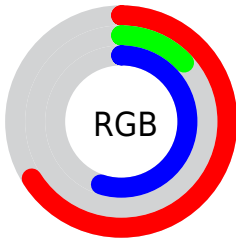
Format	Color
R _Y B	169, 33, 140
Decimal	11084172
CIE Lab	40.27, 62.76, -26.87
CIE LCh	40, 68.273, 336.827
Yxy	11.4162, 0.3672, 0.1937
Android (android.graphics.Color)	4289274252 (0xFFA9218C)
YUV	85.8620, 26.6900, 72.9120
Hunter-Lab	33.7879, 55.2044, -21.7611

Details

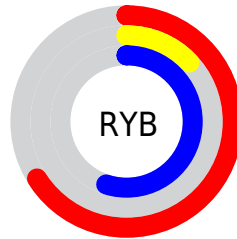
The Yxy color **11.4162, 0.3672, 0.1937** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **29.0499, 0.2901, 0.5373**, and the grayscale version is **9.2092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5734, 0.3565, 0.2223**, and **4.2320, 0.3801, 0.1868** is the 20% darker color. If you saturate the color by 10%, you get **10.5984, 0.3754, 0.1892**, and if you desaturate by 10%, it is **12.7094, 0.3588, 0.2027**.

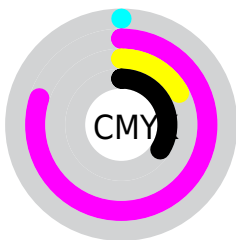
Distribution



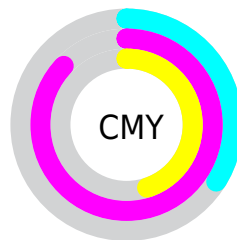
- Red (66%)
- Green (13%)
- Blue (55%)



- Red (66%)
- Yellow (13%)
- Blue (55%)



- Cyan (0%)
- Magenta (80%)
- Yellow (17%)
- Black (34%)





- Cyan (34%)
- Magenta (87%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4162, 0.3672, 0.1937 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 11.4162, 0.3672, 0.1937 by changing the saturation by 10% instead.


 11.4162, 0.3672,
0.1937


 11.4162, 0.3672,
0.1937


 200.5011, 0.3380,
0.2675


 6.3475, 0.3749,
0.1736


 28.4273, 0.3562,
0.2219


 3.0575, 0.3849,
0.1471


 41.1384, 0.3522,
0.2321


 1.1618, 0.3978,
0.1115

 57.1659, 0.3488,
0.2405

 0.0302, 0.4386,
0.0074

 76.8940, 0.3460,
0.2476

 0.0000, 0.4189,
0.0000

 100.7072, 0.3435,
0.2537

 0.0000, 0.0000,
0.0000

 128.9898, 0.3414,

0.2589

162.1263, 0.3396,
0.2635

■ 11.4162, 0.3672,
0.1937

■ 11.4162, 0.3672,
0.1937

■ 10.5984, 0.3754,
0.1892

■ 12.7094, 0.3588,
0.2027

■ 10.1290, 0.3830,
0.1883

■ 14.5385, 0.3506,
0.2156

■ 16.9569, 0.3427,
0.2317

■ 20.0110, 0.3353,
0.2499

■ 23.7426, 0.3286,
0.2694

■ 28.1898, 0.3227,
0.2894

■ 33.3882, 0.3174,
0.3091

■ 39.3707, 0.3129,
0.3281

■ 46.1683, 0.3091,
0.3461

Harmonies

Analogous

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



11.4162, 0.2272, 0.1498



11.4162, 0.3672, 0.1937



11.4162, 0.5200, 0.2612

Triad

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



11.4162, 0.3672, 0.1937



11.4162, 0.4594, 0.5352



11.4162, 0.0967, 0.2188

Complementary

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



11.4162, 0.3672, 0.1937



29.0499, 0.2901, 0.5373

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.



11.4162, 0.1297, 0.3648



11.4162, 0.3672, 0.1937



11.4162, 0.3336, 0.6110

Square

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



11.4162, 0.3672, 0.1937



11.4162, 0.5558, 0.4267



11.4162, 0.2152, 0.5559



11.4162, 0.1023, 0.1531

Rectangle

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



11.4162, 0.3672, 0.1937



11.4162, 0.5804, 0.3118



11.4162, 0.2152, 0.5559



11.4162, 0.1026, 0.2571

Sweetspot

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



11.4168, 0.3672, 0.1937



47.1807, 0.3249, 0.2815



4.9184, 0.1825, 0.0937



9.6970, 0.3270, 0.2747



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.



11.4168, 0.3672, 0.1937



18.3038, 0.3819, 0.1889



10.0145, 0.5099, 0.2815



7.6388, 0.3169, 0.3114



7.5563, 0.3822, 0.1879



0.1905, 0.3585, 0.1749

Inverse Universe

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



11.4168, 0.3672, 0.1937



18.3038, 0.3819, 0.1889



30.2662, 0.2519, 0.4071



7.6388, 0.3169, 0.3114



7.5563, 0.3822, 0.1879



0.1905, 0.3585, 0.1749

Previews

White Background



This preview shows how the Yxy color 11.4162, 0.3672, 0.1937 looks on a white background.

Color Contrast Check

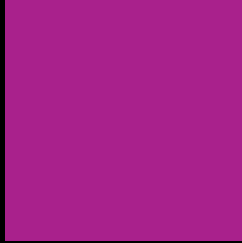
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4162, 0.3672, 0.1937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

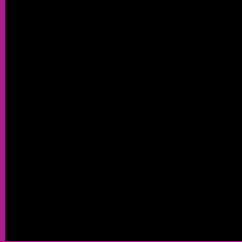
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4162, 0.3672, 0.1937

Background



This preview shows how black text looks on a background with the Yxy color 11.4162, 0.3672, 0.1937.



This preview shows how white text looks on a background with the Yxy color 11.4162, 0.3672, 0.1937.

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

11.4162, 0.3672, 0.1937

Protanopia

11.8779, 0.1834, 0.1575

Deuteranopia

11.7817, 0.2540, 0.2493



Tritanopia

11.5083, 0.4968, 0.3253

Trichromacy



Original Color

11.4162, 0.3672, 0.1937



Protanomaly

9.3316, 0.2131, 0.1500



Deuteranomaly

10.0970, 0.2887, 0.2098



Tritanomaly

11.1397, 0.4537, 0.2713

Monochromacy



Original Color

11.4162, 0.3672, 0.1937



Achromatopsia

9.3059, 0.3127, 0.3290



Achromatomaly

8.7679, 0.3347, 0.2485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4162, 0.3672, 0.1937 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, 33, 140)` looks like.

```
.text, #text, p{  
    color:rgb(169, 33, 140)  
}
```

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, 33, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 33, 140) }
```

Border

The CSS property to change the border of an element to Yxy 11.4162, 0.3672, 0.1937 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, 33, 140) }
```

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

```
.border{ border-color:rgb(169, 33, 140) }
```

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

Here you see how a box with a 4 pixel rgb(169, 33, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 33, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 33, 140);  
box-shadow:4px 4px 4px 4px rgb(169, 33,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4162, 0.3672, 0.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 33, 140) }
```

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

```
.background{ background-color: rgb(169, 33,  
140) }
```

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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