

Converting Colors

$Y_{xy}(11.2510, 0.3568, 0.1755)$

Have a look what the booklet for
Yxy(11.2510, 0.3568, 0.1755)
contains.

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Color

Yxy(11.2165, 0.3572, 0.1757)

Conversions

Conversions Part 1

Format	Color
Hex	AD0696
RGB	173, 6, 150
RGB Percent	68%, 2%, 59%
CMY	0.3216, 0.9763, 0.4117
CMYK	0.00, 0.97, 0.13, 0.32
HSL	308°, 93%, 35%
HSV	308°, 97%, 68%
XYZ	22.8033, 11.2165, 29.8192
YIQ	72.3490, 53.3080, 80.1880

Conversions

Conversions Part 2

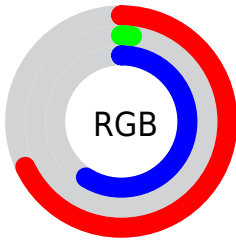
Format	Color
RYB	173, 6, 150
Decimal	11339414
CIELab	39.94, 69.55, -33.43
CIELCh	40, 77.170, 334.332
Yxy	11.2165, 0.3572, 0.1757
Android (android.graphics.Color)	4289529494 (0xFFAD0696)
YUV	72.3490, 38.2819, 88.2709
Hunter-Lab	33.4910, 62.9271, -29.3459

Details

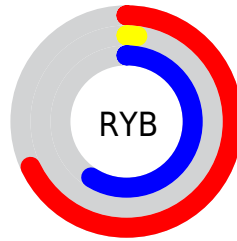
The Yxy color **11.2165, 0.3572, 0.1757** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **30.0135, 0.2965, 0.5838**, and the grayscale version is **6.4736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0606, 0.3489, 0.2059**, and **4.6139, 0.3600, 0.1757** is the 20% darker color. If you saturate the color by 10%, you get **11.0593, 0.3589, 0.1751**, and if you desaturate by 10%, it is **11.7899, 0.3524, 0.1787**.

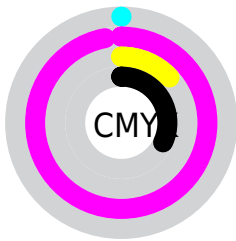
Distribution



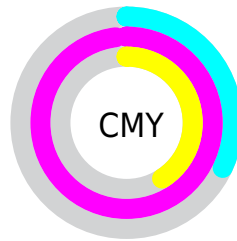
- Red (68%)
- Green (2%)
- Blue (59%)



- Red (68%)
- Yellow (2%)
- Blue (59%)



- Cyan (0%)
- Magenta (97%)
- Yellow (13%)
- Black (32%)





- Cyan (32%)
- Magenta (98%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2165, 0.3572, 0.1757 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 11.2165, 0.3572, 0.1757 by changing the saturation by 10% instead.


 11.2165, 0.3572,
0.1757


 11.2165, 0.3572,
0.1757


199.1469, 0.3351,
0.2574


 6.2126, 0.3621,
0.1544


 28.0598, 0.3495,
0.2063


 2.9748, 0.3677,
0.1272


 40.6681, 0.3464,
0.2175


 1.1186, 0.3733,
0.0920


 56.5799, 0.3439,
0.2269

 0.0000, 0.3952,
0.0000

 76.1798, 0.3416,
0.2349

 0.0000, 0.3607,
0.0000

 99.8520, 0.3397,
0.2417

 0.0000, 0.0000,
0.0000

 127.9810, 0.3380,

0.2477

160.9512, 0.3365,
0.2528

■ 11.2165, 0.3572,
0.1757

■ 11.2165, 0.3572,
0.1757

■ 11.0593, 0.3589,
0.1751

■ 11.7899, 0.3524,
0.1787

■ 12.8036, 0.3474,
0.1860

■ 14.3432, 0.3421,
0.1975

■ 16.4701, 0.3369,
0.2128

■ 19.2373, 0.3317,
0.2311

■ 22.6917, 0.3269,
0.2513

■ 26.8762, 0.3224,
0.2726

■ 31.8298, 0.3184,
0.2943

■ 37.5889, 0.3148,
0.3156

Harmonies

Analogous

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



11.2165, 0.2071, 0.1324



11.2165, 0.3572, 0.1757



11.2165, 0.5341, 0.2448

Triad

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



11.2165, 0.3572, 0.1757



11.2165, 0.4690, 0.5310



11.2165, 0.0804, 0.2125

Complementary

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



11.2165, 0.3572, 0.1757



30.0135, 0.2965, 0.5838

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.



11.2165, 0.1155, 0.3848



11.2165, 0.3572, 0.1757



11.2165, 0.3364, 0.6430

Square

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



11.2165, 0.3572, 0.1757



11.2165, 0.5839, 0.4161



11.2165, 0.2080, 0.6075



11.2165, 0.0849, 0.1397

Rectangle

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



11.2165, 0.3572, 0.1757



11.2165, 0.6066, 0.2962



11.2165, 0.2080, 0.6075



11.2165, 0.0867, 0.2566

Sweetspot

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



11.2171, 0.3572, 0.1757



45.7480, 0.3237, 0.2662



3.3992, 0.1579, 0.0663



9.2709, 0.3256, 0.2574



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



11.2171, 0.3572, 0.1757



19.7838, 0.3596, 0.1755



9.4232, 0.5396, 0.2776



8.1288, 0.3158, 0.3097



8.1313, 0.3584, 0.1748



0.2313, 0.3455, 0.1677

Inverse Universe

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



11.2171, 0.3572, 0.1757



19.7838, 0.3596, 0.1755



31.0896, 0.2586, 0.4484



8.1288, 0.3158, 0.3097



8.1313, 0.3584, 0.1748



0.2313, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 11.2165, 0.3572, 0.1757 looks on a white background.

Color Contrast Check

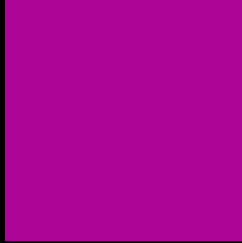
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2165, 0.3572, 0.1757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

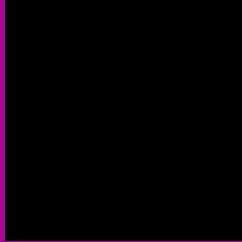
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2165, 0.3572, 0.1757

Background



This preview shows how black text looks on a background with the Yxy color 11.2165, 0.3572, 0.1757.



This preview shows how white text looks on a background with the Yxy color 11.2165, 0.3572, 0.1757.

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

11.2165, 0.3572, 0.1757

Protanopia

11.8599, 0.1744, 0.1478

Deuteranopia

11.9085, 0.2384, 0.2340



Tritanopia

11.4861, 0.5073, 0.3241

Trichromacy



Original Color

11.2165, 0.3572, 0.1757



Protanomaly

7.6895, 0.1878, 0.1208



Deuteranomaly

9.0793, 0.2718, 0.1811



Tritanomaly

10.6686, 0.4569, 0.2569

Monochromacy



Original Color

11.2165, 0.3572, 0.1757



Achromatopsia

6.4803, 0.3127, 0.3290



Achromatomaly

6.2852, 0.3366, 0.2189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2165, 0.3572, 0.1757 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(173, 6, 150)` looks like.

```
.text, #text, p{  
    color:rgb(173, 6, 150)  
}
```

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(173, 6, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 6, 150) }
```

Border

The CSS property to change the border of an element to Yxy 11.2165, 0.3572, 0.1757 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(173, 6, 150) }
```

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

```
.border{ border-color:rgb(173, 6, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 6, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 6, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 6, 150);  
box-shadow:4px 4px 4px 4px rgb(173, 6,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2165, 0.3572, 0.1757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 6, 150) }
```

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

```
.background{ background-color: rgb(173, 6,  
150) }
```

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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