

Converting Colors

$Y_{xy}(11.4016, 0.3369, 0.2305)$

Have a look what the booklet for
Yxy(11.4016, 0.3369, 0.2305)
contains.

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Color

Yxy(11.4016, 0.3369, 0.2305)

Conversions

Conversions Part 1

Format	Color
Hex	8B467F
RGB	139, 70, 127
RGB Percent	55%, 27%, 50%
CMY	0.4550, 0.7254, 0.5020
CMYK	0.00, 0.50, 0.09, 0.46
HSL	310°, 33%, 41%
HSV	310°, 50%, 54%
XYZ	16.6646, 11.4016, 21.3984
YIQ	97.1290, 22.8270, 32.3550

Conversions

Conversions Part 2

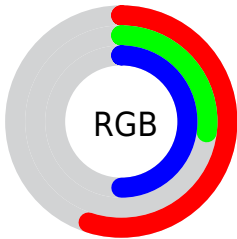
Format	Color
R_{YB}	139, 70, 127
Decimal	9127551
CIE _{Lab}	40.25, 37.40, -19.30
CIE _{LCh}	40, 42.083, 332.703
Yxy	11.4016, 0.3369, 0.2305
Android (android.graphics.Color)	4287317631 (0xFF8B467F)
YUV	97.1290, 14.7264, 36.7209
Hunter-Lab	33.7663, 29.0040, -13.9370

Details

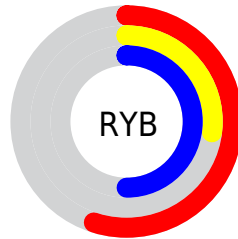
The Yxy color **11.4016, 0.3369, 0.2305** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **20.3699, 0.2960, 0.4540**, and the grayscale version is **11.9475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4394, 0.3319, 0.2529**, and **3.0766, 0.3442, 0.1906** is the 20% darker color. If you saturate the color by 10%, you get **9.7972, 0.3432, 0.2136**, and if you desaturate by 10%, it is **13.4110, 0.3310, 0.2494**.

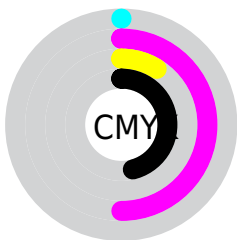
Distribution



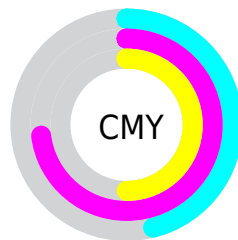
- Red (55%)
- Green (27%)
- Blue (50%)



- Red (55%)
- Yellow (27%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (9%)
- Black (46%)





- Cyan (46%)
- Magenta (73%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4016, 0.3369, 0.2305 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 11.4016, 0.3369, 0.2305 by changing the saturation by 10% instead.


 11.4016, 0.3369,
0.2305


 11.4016, 0.3369,
0.2305


200.4024, 0.3239,
0.2867


 6.3376, 0.3403,
0.2138


 28.4004, 0.3320,
0.2528


 3.0515, 0.3446,
0.1905

 41.1041, 0.3302,
0.2606

 1.1587, 0.3499,
0.1563

 57.1231, 0.3287,
0.2670

 0.0275, 0.3909,
0.0114

 76.8419, 0.3275,
0.2722

 0.0000, 0.0000,
0.0000

 100.6448, 0.3264,
0.2767

128.9163, 0.3254,

0.2805

162.0407, 0.3246,
0.2838

■ 11.4016, 0.3369,
0.2305

■ 11.4016, 0.3369,
0.2305

■ 9.7972, 0.3432,
0.2136

■ 13.4110, 0.3310,
0.2494

■ 8.5681, 0.3497,
0.1997

■ 15.8493, 0.3256,
0.2695

■ 7.6830, 0.3563,
0.1895

■ 18.7403, 0.3207,
0.2900

■ 7.1048, 0.3627,
0.1836

■ 22.1059, 0.3164,
0.3102

■ 6.7343, 0.3689,
0.1808

■ 25.9662, 0.3126,
0.3297

6.7205, 0.3691,
0.1807

30.3405, 0.3093,
0.3483

35.2467, 0.3065,
0.3657

40.7021, 0.3042,
0.3818

46.7231, 0.3021,
0.3967

Harmonies

Analogous

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



11.4016, 0.2481, 0.1994



11.4016, 0.3369, 0.2305



11.4016, 0.4315, 0.2810

Triad

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



11.4016, 0.3369, 0.2305



11.4016, 0.4363, 0.4705



11.4016, 0.1626, 0.2747

Complementary

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



11.4016, 0.3369, 0.2305



20.3699, 0.2960, 0.4540

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.



11.4016, 0.1993, 0.3712



11.4016, 0.3369, 0.2305



11.4016, 0.3562, 0.5035

Square

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



11.4016, 0.3369, 0.2305



11.4016, 0.4885, 0.4084



11.4016, 0.2694, 0.4685



11.4016, 0.1598, 0.2156

Rectangle

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



11.4016, 0.3369, 0.2305



11.4016, 0.4768, 0.3213



11.4016, 0.2694, 0.4685



11.4016, 0.1709, 0.3034

Sweetspot

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



11.4021, 0.3369, 0.2305



36.0532, 0.3188, 0.2987



8.0188, 0.2353, 0.1834



8.0548, 0.3196, 0.2949



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



11.4021, 0.3369, 0.2305



17.1338, 0.3443, 0.2111



10.6605, 0.3991, 0.2873



5.1143, 0.3162, 0.3111



6.0702, 0.3689, 0.1806



0.0421, 0.3427, 0.1662

Inverse Universe

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



11.4021, 0.3369, 0.2305



17.1338, 0.3443, 0.2111



21.0213, 0.2675, 0.3773



5.1143, 0.3162, 0.3111



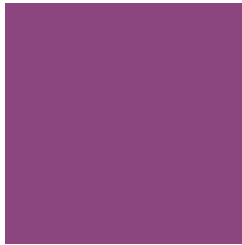
6.0702, 0.3689, 0.1806



0.0421, 0.3427, 0.1662

Previews

White Background



This preview shows how the Yxy color 11.4016, 0.3369, 0.2305 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 11.4016, 0.3369, 0.2305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

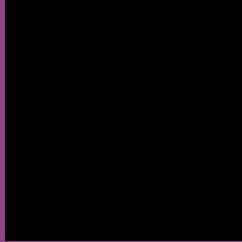
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4016, 0.3369, 0.2305

Background



This preview shows how black text looks on a background with the Yxy color 11.4016, 0.3369, 0.2305.



This preview shows how white text looks on a background with the Yxy color 11.4016, 0.3369, 0.2305.

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

11.4016, 0.3369, 0.2305

Protanopia

11.6585, 0.2324, 0.2212

Deuteranopia

11.6091, 0.2695, 0.2653



Tritanopia

11.3162, 0.4007, 0.3178

Trichromacy



Original Color

11.4016, 0.3369, 0.2305

Protanomaly

11.0704, 0.2627, 0.2209

Deuteranomaly

11.1404, 0.2921, 0.2490

Tritanomaly

11.3232, 0.3777, 0.2844

Monochromacy



Original Color

11.4016, 0.3369, 0.2305

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.3438, 0.3212, 0.2847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4016, 0.3369, 0.2305 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(139, 70, 127)` looks like.

```
.text, #text, p{  
    color:rgb(139, 70, 127)  
}
```

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(139, 70, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 70, 127) }
```

Border

The CSS property to change the border of an element to Yxy 11.4016, 0.3369, 0.2305 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(139, 70, 127) }
```

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

```
.border{ border-color:rgb(139, 70, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 70, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 70, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 70, 127);  
box-shadow:4px 4px 4px 4px rgb(139, 70,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4016, 0.3369, 0.2305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 70, 127) }
```

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

```
.background{ background-color: rgb(139, 70,  
127) }
```

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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