

Converting Colors

$Y_{xy}(11.4925, 0.3415, 0.2338)$

Have a look what the booklet for
Yxy(11.4925, 0.3415, 0.2338)
contains.

Yxy(11.4364, 0.3419, 0.2340)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.4364, 0.3419, 0.2340)

Conversions

Conversions Part 1

Format	Color
Hex	8C467D
RGB	140, 70, 125
RGB Percent	55%, 27%, 49%
CMY	0.4509, 0.7255, 0.5098
CMYK	0.00, 0.50, 0.11, 0.45
HSL	313°, 33%, 41%
HSV	313°, 50%, 55%
XYZ	16.7099, 11.4364, 20.7273
YIQ	97.2000, 24.0650, 31.9450

Conversions

Conversions Part 2

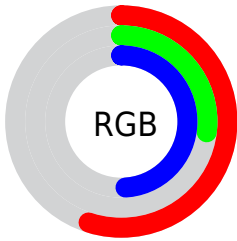
Format	Color
RYB	140, 70, 125
Decimal	9193085
CIELab	40.31, 37.40, -17.97
CIELCh	40, 41.497, 334.336
Yxy	11.4364, 0.3419, 0.2340
Android (android.graphics.Color)	4287383165 (0xFF8C467D)
YUV	97.2000, 13.7054, 37.5356
Hunter-Lab	33.8177, 29.0184, -12.6670

Details

The Yxy color **11.4364, 0.3419, 0.2340** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **20.7213, 0.2935, 0.4490**, and the grayscale version is **11.9667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4912, 0.3352, 0.2555**, and **3.0968, 0.3527, 0.1958** is the 20% darker color. If you saturate the color by 10%, you get **9.8094, 0.3497, 0.2179**, and if you desaturate by 10%, it is **13.4752, 0.3347, 0.2522**.

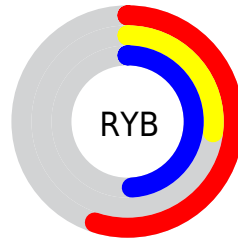
Distribution



Red (55%)

Green (27%)

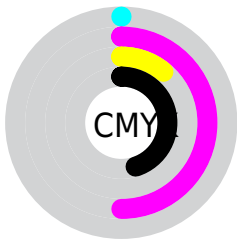
Blue (49%)



Red (55%)

Yellow (27%)

Blue (49%)

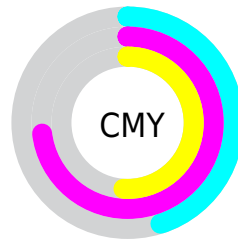


Cyan (0%)

Magenta (50%)

Yellow (11%)

Black (45%)



Cyan (45%)


Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4364, 0.3419, 0.2340 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 11.4364, 0.3419, 0.2340 by changing the saturation by 10% instead.


 11.4364, 0.3419,
0.2340


 11.4364, 0.3419,
0.2340


200.6375, 0.3258,
0.2883


 6.3612, 0.3464,
0.2177


 28.4644, 0.3357,
0.2556


 3.0659, 0.3524,
0.1949

 41.1859, 0.3334,
0.2632

 1.1662, 0.3606,
0.1613

 57.2250, 0.3316,
0.2693

 0.0339, 0.4101,
0.0146

 76.9660, 0.3300,
0.2744

 0.0000, 0.0000,
0.0000

 100.7934, 0.3287,
0.2787

129.0915, 0.3276,

0.2824

162.2448, 0.3266,
0.2856

■ 11.4364, 0.3419,
0.2340

■ 11.4364, 0.3419,
0.2340

■ 9.8094, 0.3497,
0.2179

■ 13.4752, 0.3347,
0.2522

■ 8.5639, 0.3578,
0.2046

■ 15.9504, 0.3281,
0.2714

■ 7.6677, 0.3661,
0.1951

■ 18.8864, 0.3223,
0.2910

■ 7.0828, 0.3743,
0.1900

■ 22.3052, 0.3172,
0.3103

■ 6.7029, 0.3823,
0.1880

■ 26.2278, 0.3127,
0.3290

■ 30.6735, 0.3089,
0.3467

■ 35.6609, 0.3057,
0.3632

■ 41.2076, 0.3030,
0.3786

■ 47.3302, 0.3007,
0.3927

Harmonies

Analogous

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



11.4364, 0.2531, 0.2020



11.4364, 0.3419, 0.2340



11.4364, 0.4341, 0.2848

Triad

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



11.4364, 0.3419, 0.2340



11.4364, 0.4312, 0.4718



11.4364, 0.1634, 0.2715

Complementary

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



11.4364, 0.3419, 0.2340



20.7213, 0.2935, 0.4490

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.



11.4364, 0.1980, 0.3649



11.4364, 0.3419, 0.2340



11.4364, 0.3513, 0.5010

Square

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



11.4364, 0.3419, 0.2340



11.4364, 0.4845, 0.4114



11.4364, 0.2658, 0.4620



11.4364, 0.1623, 0.2151

Rectangle

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



11.4364, 0.3419, 0.2340



11.4364, 0.4770, 0.3251



11.4364, 0.2658, 0.4620



11.4364, 0.1710, 0.2991

Sweetspot

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



11.4369, 0.3419, 0.2340



36.0094, 0.3198, 0.3001



8.1575, 0.2374, 0.1830



8.0435, 0.3207, 0.2965



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.



11.4369, 0.3419, 0.2340



16.9787, 0.3507, 0.2160



10.7117, 0.4049, 0.2912



5.1109, 0.3167, 0.3120



5.9565, 0.3820, 0.1878



0.0417, 0.3487, 0.1694

Inverse Universe

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



11.4369, 0.3419, 0.2340



16.9787, 0.3507, 0.2160



21.3974, 0.2654, 0.3727



5.1109, 0.3167, 0.3120



5.9565, 0.3820, 0.1878



0.0417, 0.3487, 0.1694

Previews

White Background



This preview shows how the Yxy color 11.4364, 0.3419, 0.2340 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 11.4364, 0.3419, 0.2340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

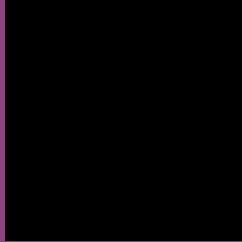
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4364, 0.3419, 0.2340

Background



This preview shows how black text looks on a background with the Yxy color 11.4364, 0.3419, 0.2340.



This preview shows how white text looks on a background with the Yxy color 11.4364, 0.3419, 0.2340.

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

11.4364, 0.3419, 0.2340

Protanopia

11.6387, 0.2351, 0.2247

Deuteranopia

11.6612, 0.2744, 0.2697



Tritanopia

11.4821, 0.4040, 0.3180

Trichromacy



Original Color

11.4364, 0.3419, 0.2340

Protanomaly

11.0698, 0.2663, 0.2245

Deuteranomaly

11.1533, 0.2963, 0.2529

Tritanomaly

11.4073, 0.3794, 0.2847

Monochromacy



Original Color

11.4364, 0.3419, 0.2340

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.3886, 0.3243, 0.2869

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4364, 0.3419, 0.2340 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(140, 70, 125)` looks like.

```
.text, #text, p{  
  color:rgb(140, 70, 125)  
}
```

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(140, 70, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 70, 125) }
```

Border

The CSS property to change the border of an element to Yxy 11.4364, 0.3419, 0.2340 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(140, 70, 125) }
```

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

```
.border{ border-color:rgb(140, 70, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 70, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 70, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 70, 125);  
box-shadow:4px 4px 4px 4px rgb(140, 70,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4364, 0.3419, 0.2340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 70, 125) }
```

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

```
.background{ background-color: rgb(140, 70,  
125) }
```

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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