

Converting Colors

$Y_{xy}(11.0161, 0.3249, 0.2103)$

Have a look what the booklet for
Yxy(11.0161, 0.3249, 0.2103)
contains.

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Color

Yxy(11.0198, 0.3248, 0.2094)

Conversions

Conversions Part 1

Format	Color
Hex	8C4088
RGB	140, 64, 136
RGB Percent	55%, 25%, 53%
CMY	0.4509, 0.7490, 0.4667
CMYK	0.00, 0.54, 0.03, 0.45
HSL	303°, 37%, 40%
HSV	303°, 54%, 55%
XYZ	17.0928, 11.0198, 24.5130
YIQ	94.9320, 22.1840, 38.5040

Conversions

Conversions Part 2

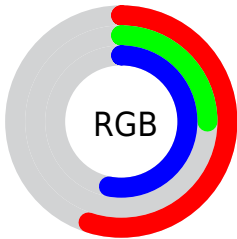
Format	Color
R_{YB}	140, 64, 136
Decimal	9191560
CIE _{Lab}	39.61, 42.51, -25.78
CIE _{LCh}	40, 49.717, 328.764
Yxy	11.0198, 0.3248, 0.2094
Android (android.graphics.Color)	4287381640 (0xFF8C4088)
YUV	94.9320, 20.2465, 39.5246
Hunter-Lab	33.1961, 33.8172, -20.5443

Details

The Yxy color **11.0198, 0.3248, 0.2094** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.2667, 0.3019, 0.4880**, and the grayscale version is **11.3735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5813, 0.3227, 0.2346**, and **2.8718, 0.3232, 0.1629** is the 20% darker color. If you saturate the color by 10%, you get **9.6136, 0.3272, 0.1924**, and if you desaturate by 10%, it is **12.8236, 0.3224, 0.2292**.

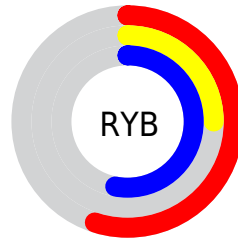
Distribution



Red (55%)

Green (25%)

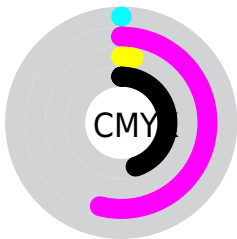
Blue (53%)



Red (55%)

Yellow (25%)

Blue (53%)

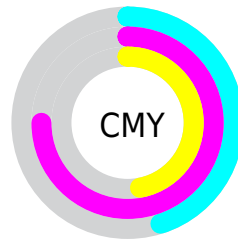


Cyan (0%)

Magenta (54%)

Yellow (3%)

Black (45%)



Cyan (45%)


Magenta (75%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0198, 0.3248, 0.2094 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 11.0198, 0.3248, 0.2094 by changing the saturation by 10% instead.


 11.0198, 0.3248,
0.2094


 11.0198, 0.3248,
0.2094


197.8033, 0.3199,
0.2765


 6.0802, 0.3251,
0.1902


 27.6968, 0.3235,
0.2356


 2.8939, 0.3246,
0.1640

 40.2029, 0.3229,
0.2449


 1.0766, 0.3217,
0.1274

 56.0000, 0.3222,
0.2525

 0.0000, 0.3357,
0.0000

 75.4724, 0.3217,
0.2589

 0.0000, 0.0000,
0.0000

 99.0045, 0.3212,
0.2643

126.9808, 0.3207,

0.2689

159.7856, 0.3203,
0.2730

■ 11.0198, 0.3248,
0.2094

■ 11.0198, 0.3248,
0.2094

■ 9.6136, 0.3272,
0.1924

■ 12.8236, 0.3224,
0.2292

■ 8.5733, 0.3294,
0.1789

■ 15.0506, 0.3200,
0.2509

■ 7.8646, 0.3315,
0.1694

■ 17.7261, 0.3177,
0.2737

■ 7.4439, 0.3333,
0.1639

■ 20.8729, 0.3155,
0.2968

■ 7.2586, 0.3343,
0.1615

■ 24.5124, 0.3135,
0.3195

■ 28.6644, 0.3117,
0.3414

■ 33.3479, 0.3101,
0.3621

■ 38.5807, 0.3086,
0.3814

■ 44.3801, 0.3073,
0.3992

Harmonies

Analogous

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



11.0198, 0.2252, 0.1781



11.0198, 0.3248, 0.2094



11.0198, 0.4404, 0.2633

Triad

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



11.0198, 0.3248, 0.2094



11.0198, 0.4620, 0.4796



11.0198, 0.1428, 0.2744

Complementary

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



11.0198, 0.3248, 0.2094



20.2667, 0.3019, 0.4880

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.



11.0198, 0.1874, 0.3959



11.0198, 0.3248, 0.2094



11.0198, 0.3708, 0.5347

Square

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



11.0198, 0.3248, 0.2094



11.0198, 0.5209, 0.4034



11.0198, 0.2707, 0.5116



11.0198, 0.1365, 0.2020

Rectangle

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



11.0198, 0.3248, 0.2094



11.0198, 0.4997, 0.3070



11.0198, 0.2707, 0.5116



11.0198, 0.1531, 0.3103

Sweetspot

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



11.0203, 0.3248, 0.2094



35.5885, 0.3160, 0.2921



6.7824, 0.2160, 0.1639



7.9637, 0.3163, 0.2879



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.



11.0203, 0.3248, 0.2094



16.5137, 0.3277, 0.1893



10.1289, 0.3935, 0.2682



5.1245, 0.3145, 0.3086



6.4496, 0.3343, 0.1615



0.0435, 0.3270, 0.1575

Inverse Universe

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



11.0203, 0.3248, 0.2094



16.5137, 0.3277, 0.1893



20.8856, 0.2717, 0.4029



5.1245, 0.3145, 0.3086



6.4496, 0.3343, 0.1615



0.0435, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 11.0198, 0.3248, 0.2094 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 11.0198, 0.3248, 0.2094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

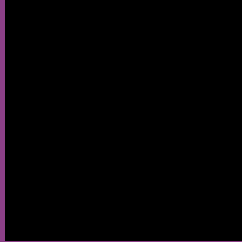
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0198, 0.3248, 0.2094

Background



This preview shows how black text looks on a background with the Yxy color 11.0198, 0.3248, 0.2094.



This preview shows how white text looks on a background with the Yxy color 11.0198, 0.3248, 0.2094.

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

11.0198, 0.3248, 0.2094

Protanopia

11.3162, 0.2113, 0.1936

Deuteranopia

11.2167, 0.2498, 0.2457



Tritanopia

11.0006, 0.4058, 0.3178

Trichromacy



Original Color

11.0198, 0.3248, 0.2094

Protanomaly

10.5443, 0.2402, 0.1946

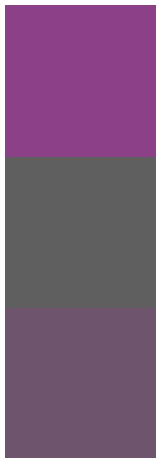
Deuteranomaly

10.5528, 0.2718, 0.2253

Tritanomaly

10.8283, 0.3757, 0.2736

Monochromacy



Original Color

11.0198, 0.3248, 0.2094

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

10.8459, 0.3169, 0.2741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0198, 0.3248, 0.2094 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, 64, 136)` looks like.

```
.text, #text, p{  
    color:rgb(140, 64, 136)  
}
```

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, 64, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 64, 136) }
```

Border

The CSS property to change the border of an element to Yxy 11.0198, 0.3248, 0.2094 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, 64, 136) }
```

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

```
.border{ border-color:rgb(140, 64, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 64, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 64, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 64, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 64,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0198, 0.3248, 0.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 64, 136) }
```

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

```
.background{ background-color: rgb(140, 64,  
136) }
```

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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