

Converting Colors

$Y_{xy}(13.0793, 0.3145, 0.2107)$

Have a look what the booklet for
Yxy(13.0793, 0.3145, 0.2107)
contains.

Yxy(13.0554, 0.3139, 0.2104)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.0554, 0.3139, 0.2104)

Conversions

Conversions Part 1

Format	Color
Hex	914A94
RGB	145, 74, 148
RGB Percent	57%, 29%, 58%
CMY	0.4312, 0.7099, 0.4195
CMYK	0.02, 0.50, 0.00, 0.42
HSL	298°, 33%, 44%
HSV	298°, 50%, 58%
XYZ	19.4776, 13.0554, 29.5174
YIQ	103.6650, 18.5620, 38.0660

Conversions

Conversions Part 2

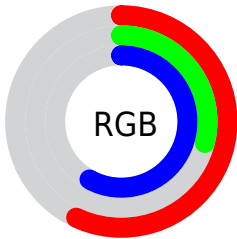
Format	Color
R_{YB}	145, 74, 148
Decimal	9521812
CIE _{Lab}	42.85, 41.13, -27.98
CIE _{LCh}	43, 49.748, 325.775
Yxy	13.0554, 0.3139, 0.2104
Android (android.graphics.Color)	4287711892 (0xFF914A94)
YUV	103.6650, 21.8572, 36.2508
Hunter-Lab	36.1323, 32.9915, -23.1429

Details

The Yxy color **13.0554, 0.3139, 0.2104** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **23.2548, 0.3081, 0.4813**, and the grayscale version is **13.6854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2109, 0.3150, 0.2352**, and **3.7512, 0.3084, 0.1682** is the 20% darker color. If you saturate the color by 10%, you get **11.2537, 0.3137, 0.1908**, and if you desaturate by 10%, it is **15.3235, 0.3139, 0.2325**.

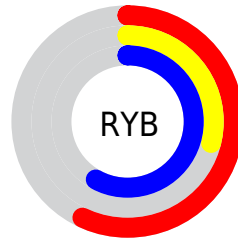
Distribution



Red (57%)

Green (29%)

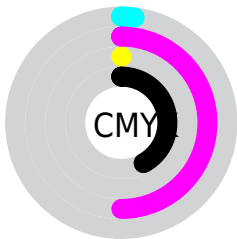
Blue (58%)



Red (57%)

Yellow (29%)

Blue (58%)

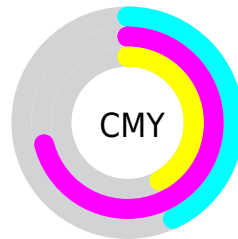


Cyan (2%)

Magenta (50%)

Yellow (0%)

Black (42%)



Cyan (43%)


Magenta (71%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.0554, 0.3139, 0.2104 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 13.0554, 0.3139, 0.2104 by changing the saturation by 10% instead.


 13.0554, 0.3139,
0.2104


 13.0554, 0.3139,
0.2104

211.2724, 0.3155,
0.2754


 7.4667, 0.3123,
0.1924


 31.4033, 0.3152,
0.2354


 3.7556, 0.3093,
0.1683


 44.9312, 0.3155,
0.2444

 1.5378, 0.3030,
0.1352

 61.8744, 0.3156,
0.2518

 0.3151, 0.2953,
0.0668

 82.6172, 0.3156,
0.2581

 0.0000, 0.1861,
0.0000

 107.5440, 0.3156,
0.2634

 0.0000, 0.0000,
0.0000

137.0392, 0.3156,

0.2680

171.4872, 0.3155,
0.2719

■ 13.0554, 0.3139,
0.2104

■ 13.0554, 0.3139,
0.2104

■ 11.2537, 0.3137,
0.1908

■ 15.3235, 0.3139,
0.2325

■ 9.8836, 0.3133,
0.1746

■ 18.0861, 0.3138,
0.2562

■ 8.9081, 0.3127,
0.1622

■ 21.3714, 0.3135,
0.2807

■ 8.2834, 0.3119,
0.1540

■ 25.2046, 0.3132,
0.3052

■ 7.8957, 0.3111,
0.1487

■ 29.6095, 0.3127,
0.3289

■ 34.6085, 0.3122,
0.3516

■ 40.2228, 0.3117,
0.3729

■ 46.4723, 0.3111,
0.3927

■ 53.3764, 0.3106,
0.4108

Harmonies

Analogous

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



13.0554, 0.2218, 0.1826



13.0554, 0.3139, 0.2104



13.0554, 0.4235, 0.2607

Triad

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



13.0554, 0.3139, 0.2104



13.0554, 0.4642, 0.4678



13.0554, 0.1527, 0.2878

Complementary

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



13.0554, 0.3139, 0.2104



23.2548, 0.3081, 0.4813

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.



13.0554, 0.2003, 0.4049



13.0554, 0.3139, 0.2104



13.0554, 0.3795, 0.5216

Square

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



13.0554, 0.3139, 0.2104



13.0554, 0.5143, 0.3953



13.0554, 0.2834, 0.5069



13.0554, 0.1427, 0.2131

Rectangle

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



13.0554, 0.3139, 0.2104



13.0554, 0.4830, 0.3025



13.0554, 0.2834, 0.5069



13.0554, 0.1641, 0.3234

Sweetspot

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



13.0560, 0.3139, 0.2104



40.7716, 0.3134, 0.2923



8.9959, 0.2216, 0.1834



9.0171, 0.3134, 0.2876



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



13.0560, 0.3139, 0.2104



19.5301, 0.3136, 0.1887



12.4221, 0.3715, 0.2601



5.8974, 0.3131, 0.3071



6.7454, 0.3111, 0.1488



0.0855, 0.3164, 0.1517

Inverse Universe

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



11.7263, 0.4425, 0.3243



16.9426, 0.4904, 0.3238



23.7077, 0.2797, 0.4122



5.8189, 0.3276, 0.3282



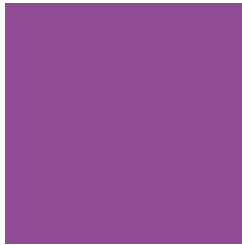
5.3898, 0.6341, 0.3267



0.0667, 0.6059, 0.3111

Previews

White Background



This preview shows how the Yxy color 13.0554, 0.3139, 0.2104 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 13.0554, 0.3139, 0.2104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

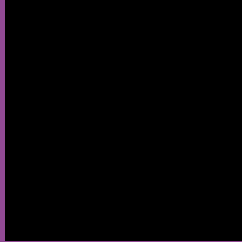
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.0554, 0.3139, 0.2104

Background



This preview shows how black text looks on a background with the Yxy color 13.0554, 0.3139, 0.2104.



This preview shows how white text looks on a background with the Yxy color 13.0554, 0.3139, 0.2104.

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

13.0554, 0.3139, 0.2104

Protanopia

13.2037, 0.2135, 0.1959

Deuteranopia

13.3168, 0.2476, 0.2434



Tritanopia

13.0278, 0.3861, 0.3162

Trichromacy



Original Color

13.0554, 0.3139, 0.2104

Protanomaly

12.5736, 0.2406, 0.1974

Deuteranomaly

12.7146, 0.2675, 0.2262

Tritanomaly

12.9122, 0.3590, 0.2720

Monochromacy



Original Color

13.0554, 0.3139, 0.2104

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.1067, 0.3137, 0.2757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.0554, 0.3139, 0.2104 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(145, 74, 148)` looks like.

```
.text, #text, p{  
  color:rgb(145, 74, 148)  
}
```

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(145, 74, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 74, 148) }
```

Border

The CSS property to change the border of an element to Yxy 13.0554, 0.3139, 0.2104 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(145, 74, 148) }
```

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

```
.border{ border-color:rgb(145, 74, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 74, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 74, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 74, 148);  
box-shadow:4px 4px 4px 4px rgb(145, 74,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 13.0554, 0.3139, 0.2104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 74, 148) }
```

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

```
.background{ background-color: rgb(145, 74,  
148) }
```

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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