

Converting Colors

$Y_{xy}(11.5783, 0.2899, 0.1417)$

Have a look what the booklet for
Yxy(11.5783, 0.2899, 0.1417)
contains.

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Color

Yxy(11.5381, 0.2897, 0.1416)

Conversions

Conversions Part 1

Format	Color
Hex	A114B8
RGB	161, 20, 184
RGB Percent	63%, 8%, 72%
CMY	0.3685, 0.9220, 0.2784
CMYK	0.12, 0.89, 0.00, 0.28
HSL	292°, 80%, 40%
HSV	292°, 89%, 72%
XYZ	23.6058, 11.5381, 46.3398
YIQ	80.8550, 31.3920, 80.8960

Conversions

Conversions Part 2

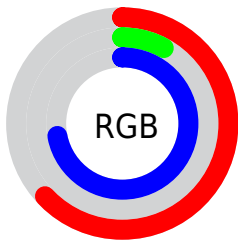
Format	Color
R_{YB}	161, 20, 184
Decimal	10556600
CIE _{Lab}	40.47, 70.87, -53.07
CIE _{LCh}	40, 88.543, 323.173
Yxy	11.5381, 0.2897, 0.1416
Android (android.graphics.Color)	4288746680 (0xFFA114B8)
YUV	80.8550, 50.8505, 70.2872
Hunter-Lab	33.9678, 64.6046, -57.1077

Details

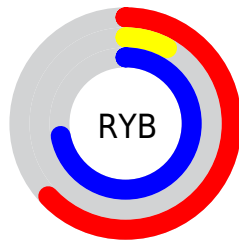
The Yxy color **11.5381, 0.2897, 0.1416** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **34.8495, 0.3067, 0.5854**, and the grayscale version is **8.0819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7113, 0.2988, 0.1752**, and **4.5548, 0.2722, 0.1273** is the 20% darker color. If you saturate the color by 10%, you get **10.8092, 0.2861, 0.1353**, and if you desaturate by 10%, it is **12.7180, 0.2933, 0.1517**.

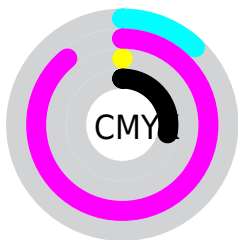
Distribution



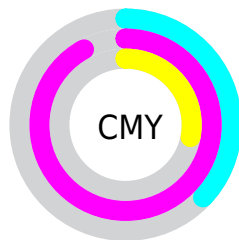
- Red (63%)
- Green (8%)
- Blue (72%)



- Red (63%)
- Yellow (8%)
- Blue (72%)



- Cyan (12%)
- Magenta (89%)
- Yellow (0%)
- Black (28%)





- Cyan (37%)
- Magenta (92%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.5381, 0.2897, 0.1416 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 11.5381, 0.2897, 0.1416 by changing the saturation by 10% instead.


 11.5381, 0.2897,
0.1416


 11.5381, 0.2897,
0.1416


201.3229, 0.3086,
0.2360


 6.4300, 0.2821,
0.1196


 28.6510, 0.2986,
0.1752


 3.1083, 0.2705,
0.0932


 41.4246, 0.3014,
0.1881

 1.1885, 0.2521,
0.0622

 57.5221, 0.3034,
0.1991

 0.0523, 0.2266,
0.0055

 77.3280, 0.3050,
0.2086

 0.0000, 0.1679,
0.0000

 101.2267, 0.3062,
0.2168

 0.0000, 0.0000,
0.0000

 129.6024, 0.3072,

0.2240

162.8397, 0.3080,
0.2303

■ 11.5381, 0.2897,
0.1416

■ 11.5381, 0.2897,
0.1416

■ 10.8092, 0.2861,
0.1353

■ 12.7180, 0.2933,
0.1517

■ 10.7554, 0.2858,
0.1348

■ 14.4855, 0.2968,
0.1662

■ 16.9167, 0.3002,
0.1847

■ 20.0755, 0.3032,
0.2065

■ 24.0187, 0.3059,
0.2305

■ 28.7972, 0.3082,
0.2558

■ 34.4575, 0.3101,
0.2815

■ 41.0428, 0.3116,
0.3067

■ 48.5936, 0.3128,
0.3309

Harmonies

Analogous

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



11.5381, 0.1550, 0.1092



11.5381, 0.2897, 0.1416



11.5381, 0.4913, 0.2050

Triad

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



11.5381, 0.2897, 0.1416



11.5381, 0.5190, 0.4810



11.5381, 0.0700, 0.2496

Complementary

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



11.5381, 0.2897, 0.1416



34.8495, 0.3067, 0.5854

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.



11.5381, 0.1226, 0.4950



11.5381, 0.2897, 0.1416



11.5381, 0.3742, 0.6258

Square

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



11.5381, 0.2897, 0.1416



11.5381, 0.6320, 0.3680



11.5381, 0.2349, 0.6940



11.5381, 0.0643, 0.1414

Rectangle

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



11.5381, 0.2897, 0.1416



11.5381, 0.6048, 0.2562



11.5381, 0.2349, 0.6940



11.5381, 0.0807, 0.3153

Sweetspot

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



11.5386, 0.2897, 0.1416



53.8544, 0.3085, 0.2602



5.4492, 0.1611, 0.0890



10.9212, 0.3078, 0.2516



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



11.5386, 0.2897, 0.1416



19.4137, 0.2852, 0.1345



12.2106, 0.4174, 0.2140



9.0973, 0.3116, 0.3063



7.4341, 0.2862, 0.1350



0.2798, 0.2957, 0.1403

Inverse Universe

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



10.8628, 0.5910, 0.3139



18.5858, 0.6241, 0.3212



34.9766, 0.2820, 0.5251



9.0322, 0.3266, 0.3258



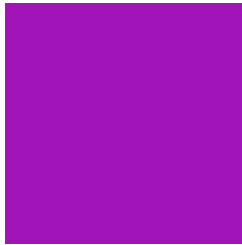
7.0802, 0.6191, 0.3184



0.2562, 0.5614, 0.2866

Previews

White Background



This preview shows how the Yxy color 11.5381, 0.2897, 0.1416 looks on a white background.

Color Contrast Check

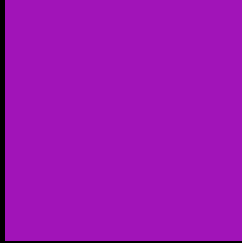
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5381, 0.2897, 0.1416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

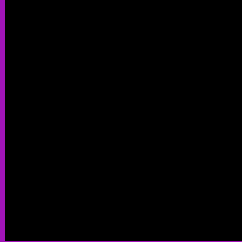
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5381, 0.2897, 0.1416

Background



This preview shows how black text looks on a background with the Yxy color 11.5381, 0.2897, 0.1416.



This preview shows how white text looks on a background with the Yxy color 11.5381, 0.2897, 0.1416.

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

11.5381, 0.2897, 0.1416

Protanopia

11.8599, 0.1744, 0.1478

Deuteranopia

11.8909, 0.1866, 0.1822



Tritanopia

11.7580, 0.4385, 0.3208

Trichromacy



Original Color

11.5381, 0.2897, 0.1416



Protanomaly

8.6320, 0.1824, 0.1187



Deuteranomaly

8.8942, 0.1980, 0.1384



Tritanomaly

10.6950, 0.3814, 0.2309

Monochromacy



Original Color

11.5381, 0.2897, 0.1416



Achromatopsia

8.2283, 0.3127, 0.3290



Achromatomaly

7.7509, 0.3040, 0.2092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5381, 0.2897, 0.1416 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(161, 20, 184)` looks like.

```
.text, #text, p{  
    color:rgb(161, 20, 184)  
}
```

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(161, 20, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 20, 184) }
```

Border

The CSS property to change the border of an element to Yxy 11.5381, 0.2897, 0.1416 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(161, 20, 184) }
```

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

```
.border{ border-color:rgb(161, 20, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 20, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 20, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 20, 184);  
box-shadow:4px 4px 4px 4px rgb(161, 20,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5381, 0.2897, 0.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 20, 184) }
```

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

```
.background{ background-color: rgb(161, 20,  
184) }
```

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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