

Converting Colors

$Y_{xy}(17.0914, 0.3532, 0.2228)$

Have a look what the booklet for
Yxy(17.0914, 0.3532, 0.2228)
contains.

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Color

Yxy(17.0857, 0.3529, 0.2232)

Conversions

Conversions Part 1

Format	Color
Hex	B34C9A
RGB	179, 76, 154
RGB Percent	70%, 30%, 60%
CMY	0.2979, 0.7021, 0.3960
CMYK	0.00, 0.58, 0.14, 0.30
HSL	315°, 40%, 50%
HSV	315°, 58%, 70%
XYZ	27.0141, 17.0857, 32.4491
YIQ	115.6890, 36.3500, 46.0940

Conversions

Conversions Part 2

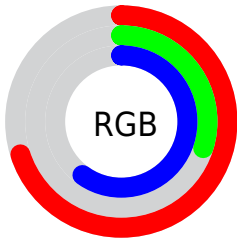
Format	Color
R_{YB}	179, 76, 154
Decimal	11750554
CIE _{Lab}	48.37, 51.29, -22.61
CIE _{LCh}	48, 56.056, 336.210
Yxy	17.0857, 0.3529, 0.2232
Android (android.graphics.Color)	4289940634 (0xFFB34C9A)
YUV	115.6890, 18.8873, 55.5237
Hunter-Lab	41.3349, 44.3214, -17.6100

Details

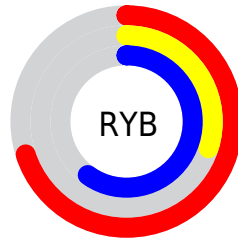
The Yxy color **17.0857, 0.3529, 0.2232** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **34.7295, 0.2897, 0.4689**, and the grayscale version is **17.2962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.5732, 0.3447, 0.2443**, and **5.5608, 0.3637, 0.1872** is the 20% darker color. If you saturate the color by 10%, you get **14.8122, 0.3624, 0.2097**, and if you desaturate by 10%, it is **20.0524, 0.3440, 0.2396**.

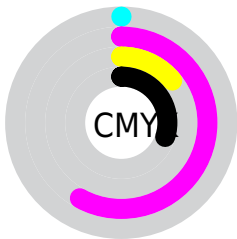
Distribution



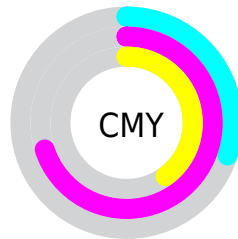
- Red (70%)
- Green (30%)
- Blue (60%)



- Red (70%)
- Yellow (30%)
- Blue (60%)



- Cyan (0%)
- Magenta (58%)
- Yellow (14%)
- Black (30%)




- Cyan (30%)
- Magenta (70%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0857, 0.3529, 0.2232 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 17.0857, 0.3529, 0.2232 by changing the saturation by 10% instead.


 17.0857, 0.3529,
0.2232


 17.0857, 0.3529,
0.2232

235.6658, 0.3319,
0.2795


 10.2956, 0.3583,
0.2082


 38.4731, 0.3451,
0.2444


 5.5954, 0.3653,
0.1884


 53.8391, 0.3422,
0.2521


 2.6007, 0.3746,
0.1615


 72.8326, 0.3398,
0.2586

 0.9270, 0.3870,
0.1235

 95.8380, 0.3378,
0.2641

 0.0000, 0.4325,
0.0000

 123.2396, 0.3360,
0.2687

 0.0000, 0.1362,
0.0000

155.4218, 0.3344,

 0.0000, 0.0000,

0.2728

0.0000

192.7691, 0.3331,
0.2763

■ 17.0857, 0.3529,
0.2232

■ 17.0857, 0.3529,
0.2232

■ 14.8122, 0.3624,
0.2097

■ 20.0524, 0.3440,
0.2396

■ 13.1708, 0.3721,
0.2001

■ 23.7616, 0.3358,
0.2578

■ 12.0939, 0.3818,
0.1949

■ 28.2612, 0.3284,
0.2769

■ 11.4777, 0.3912,
0.1941

■ 33.5941, 0.3220,
0.2963

■ 11.3530, 0.3936,
0.1942

■ 39.8003, 0.3164,
0.3152

■ 46.9171, 0.3116,
0.3333

■ 54.9797, 0.3076,
0.3504

■ 64.0214, 0.3041,
0.3664

■ 74.0738, 0.3012,
0.3811

Harmonies

Analogous

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



17.0857, 0.2483, 0.1862



17.0857, 0.3529, 0.2232



17.0857, 0.4616, 0.2804

Triad

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



17.0857, 0.3529, 0.2232



17.0857, 0.4395, 0.4941



17.0857, 0.1414, 0.2538

Complementary

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



17.0857, 0.3529, 0.2232



34.7295, 0.2897, 0.4689

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.



17.0857, 0.1756, 0.3620



17.0857, 0.3529, 0.2232



17.0857, 0.3461, 0.5332

Square

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



17.0857, 0.3529, 0.2232



17.0857, 0.5069, 0.4216



17.0857, 0.2493, 0.4844



17.0857, 0.1433, 0.1945

Rectangle

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



17.0857, 0.3529, 0.2232



17.0857, 0.5091, 0.3250



17.0857, 0.2493, 0.4844



17.0857, 0.1484, 0.2846

Sweetspot

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



17.0865, 0.3529, 0.2232



60.4273, 0.3218, 0.2968



11.1319, 0.2248, 0.1566



12.9407, 0.3230, 0.2930



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



17.0865, 0.3529, 0.2232



25.6483, 0.3649, 0.2068



15.7416, 0.4369, 0.2908



8.6107, 0.3173, 0.3119



8.0297, 0.3925, 0.1936



0.2612, 0.3687, 0.1805

Inverse Universe

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



17.0865, 0.3529, 0.2232



25.6483, 0.3649, 0.2068



36.0423, 0.2578, 0.3757



8.6107, 0.3173, 0.3119



8.0297, 0.3925, 0.1936



0.2612, 0.3687, 0.1805

Previews

White Background



This preview shows how the Yxy color 17.0857, 0.3529, 0.2232 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 17.0857, 0.3529, 0.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

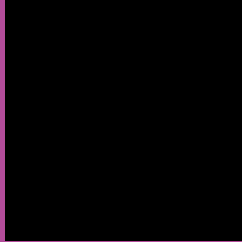
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0857, 0.3529, 0.2232

Background



This preview shows how black text looks on a background with the Yxy color 17.0857, 0.3529, 0.2232.



This preview shows how white text looks on a background with the Yxy color 17.0857, 0.3529, 0.2232.

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

17.0857, 0.3529, 0.2232

Protanopia

17.3948, 0.2229, 0.2076

Deuteranopia

17.1996, 0.2694, 0.2639



Tritanopia

17.0596, 0.4308, 0.3189

Trichromacy



Original Color

17.0857, 0.3529, 0.2232

Protanomaly

16.2690, 0.2580, 0.2086

Deuteranomaly

16.3847, 0.2958, 0.2437

Tritanomaly

16.9190, 0.4016, 0.2808

Monochromacy



Original Color

17.0857, 0.3529, 0.2232

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.4080, 0.3276, 0.2781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0857, 0.3529, 0.2232 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(179, 76, 154)` looks like.

```
.text, #text, p{  
    color:rgb(179, 76, 154)  
}
```

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(179, 76, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 76, 154) }
```

Border

The CSS property to change the border of an element to Yxy 17.0857, 0.3529, 0.2232 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(179, 76, 154) }
```

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

```
.border{ border-color:rgb(179, 76, 154) }
```

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

Here you see how a box with a 4 pixel rgb(179, 76, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 76, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 76, 154);  
box-shadow:4px 4px 4px 4px rgb(179, 76,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0857, 0.3529, 0.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 76, 154) }
```

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

```
.background{ background-color: rgb(179, 76,  
154) }
```

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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