

Converting Colors

$Y_{xy}(17.0755, 0.3526, 0.2291)$

Have a look what the booklet for
Yxy(17.0755, 0.3526, 0.2291)
contains.

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Color

Yxy(17.0564, 0.3527, 0.2289)

Conversions

Conversions Part 1

Format	Color
Hex	B04F97
RGB	176, 79, 151
RGB Percent	69%, 31%, 59%
CMY	0.3099, 0.6901, 0.4079
CMYK	0.00, 0.55, 0.14, 0.31
HSL	315°, 38%, 50%
HSV	315°, 55%, 69%
XYZ	26.2813, 17.0564, 31.1769
YIQ	116.2110, 34.7000, 42.9560

Conversions

Conversions Part 2

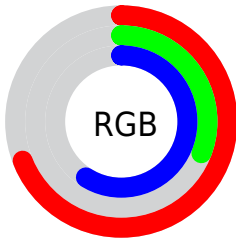
Format	Color
R_{YB}	176, 79, 151
Decimal	11554711
CIE _{Lab}	48.33, 48.45, -20.91
CIE _{LCh}	48, 52.770, 336.661
Yxy	17.0564, 0.3527, 0.2289
Android (android.graphics.Color)	4289744791 (0xFFB04F97)
YUV	116.2110, 17.1510, 52.4350
Hunter-Lab	41.2994, 41.3164, -15.8485

Details

The Yxy color **17.0564, 0.3527, 0.2289** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **33.7055, 0.2893, 0.4589**, and the grayscale version is **17.4736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4027, 0.3455, 0.2494**, and **5.5978, 0.3659, 0.1952** is the 20% darker color. If you saturate the color by 10%, you get **14.7002, 0.3627, 0.2149**, and if you desaturate by 10%, it is **20.0918, 0.3434, 0.2455**.

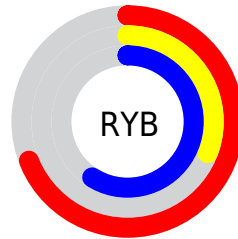
Distribution



Red (69%)

Green (31%)

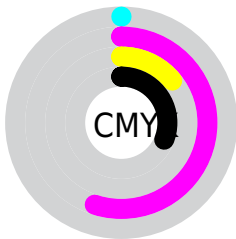
Blue (59%)



Red (69%)

Yellow (31%)

Blue (59%)

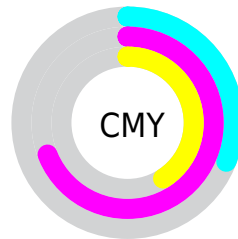


Cyan (0%)

Magenta (55%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (69%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0564, 0.3527, 0.2289 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 17.0564, 0.3527, 0.2289 by changing the saturation by 10% instead.


 17.0564, 0.3527,
0.2289


 17.0564, 0.3527,
0.2289

235.4972, 0.3316,
0.2825


 10.2747, 0.3583,
0.2144


 38.4227, 0.3448,
0.2492

 5.5815, 0.3656,
0.1953


 53.7761, 0.3419,
0.2566


 2.5923, 0.3755,
0.1689

 72.7556, 0.3394,
0.2627

 0.9228, 0.3891,
0.1310

 95.7455, 0.3374,
0.2679

 0.0000, 0.4408,
0.0000

 123.1302, 0.3356,
0.2723

 0.0000, 0.0000,
0.0000

155.2941, 0.3341,

0.2762

192.6216, 0.3327,
0.2795

■ 17.0564, 0.3527,
0.2289

■ 17.0564, 0.3527,
0.2289

■ 14.7002, 0.3627,
0.2149

■ 20.0918, 0.3434,
0.2455

■ 12.9666, 0.3731,
0.2044

■ 23.8526, 0.3350,
0.2638

■ 11.7935, 0.3835,
0.1982

■ 28.3833, 0.3275,
0.2827

■ 11.1038, 0.3937,
0.1968

■ 33.7246, 0.3209,
0.3016

■ 10.8556, 0.3988,
0.1970

■ 39.9140, 0.3153,
0.3200

■ 46.9869, 0.3105,
0.3375

■ 54.9763, 0.3064,
0.3539

■ 63.9140, 0.3030,
0.3692

■ 73.8299, 0.3001,
0.3833

Harmonies

Analogous

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



17.0564, 0.2532, 0.1929



17.0564, 0.3527, 0.2289



17.0564, 0.4544, 0.2844

Triad

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



17.0564, 0.3527, 0.2289



17.0564, 0.4339, 0.4881



17.0564, 0.1489, 0.2575

Complementary

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



17.0564, 0.3527, 0.2289



33.7055, 0.2893, 0.4589

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.



17.0564, 0.1820, 0.3589



17.0564, 0.3527, 0.2289



17.0564, 0.3449, 0.5210

Square

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



17.0564, 0.3527, 0.2289



17.0564, 0.4974, 0.4208



17.0564, 0.2525, 0.4726



17.0564, 0.1508, 0.2008

Rectangle

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



17.0564, 0.3527, 0.2289



17.0564, 0.4988, 0.3276



17.0564, 0.2525, 0.4726



17.0564, 0.1557, 0.2866

Sweetspot

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



17.0572, 0.3527, 0.2289



58.9155, 0.3223, 0.2974



11.6289, 0.2311, 0.1653



12.3481, 0.3235, 0.2938



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



17.0572, 0.3527, 0.2289



25.9307, 0.3648, 0.2124



15.8081, 0.4313, 0.2944



8.6086, 0.3175, 0.3123



7.9770, 0.3977, 0.1965



0.2598, 0.3721, 0.1823

Inverse Universe

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



17.0572, 0.3527, 0.2289



25.9307, 0.3648, 0.2124



34.9640, 0.2584, 0.3703



8.6086, 0.3175, 0.3123



7.9770, 0.3977, 0.1965



0.2598, 0.3721, 0.1823

Previews

White Background



This preview shows how the Yxy color 17.0564, 0.3527, 0.2289 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 17.0564, 0.3527, 0.2289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

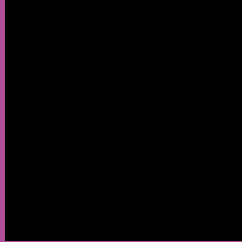
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0564, 0.3527, 0.2289

Background



This preview shows how black text looks on a background with the Yxy color 17.0564, 0.3527, 0.2289.



This preview shows how white text looks on a background with the Yxy color 17.0564, 0.3527, 0.2289.

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

17.0564, 0.3527, 0.2289

Protanopia

17.2999, 0.2290, 0.2159

Deuteranopia

17.2341, 0.2746, 0.2693



Tritanopia

16.9101, 0.4244, 0.3187

Trichromacy



Original Color

17.0564, 0.3527, 0.2289

Protanomaly

16.3455, 0.2638, 0.2168

Deuteranomaly

16.5648, 0.3007, 0.2501

Tritanomaly

16.8714, 0.3982, 0.2843

Monochromacy



Original Color

17.0564, 0.3527, 0.2289

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.6887, 0.3273, 0.2831

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0564, 0.3527, 0.2289 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(176, 79, 151)` looks like.

```
.text, #text, p{  
    color:rgb(176, 79, 151)  
}
```

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(176, 79, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 79, 151) }
```

Border

The CSS property to change the border of an element to Yxy 17.0564, 0.3527, 0.2289 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(176, 79, 151) }
```

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

```
.border{ border-color:rgb(176, 79, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 79, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 79, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 79, 151);  
box-shadow:4px 4px 4px 4px rgb(176, 79,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0564, 0.3527, 0.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 79, 151) }
```

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

```
.background{ background-color: rgb(176, 79,  
151) }
```

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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