

Converting Colors

$Y_{xy}(22.3502, 0.3685, 0.2916)$

Have a look what the booklet for
Yxy(22.3502, 0.3685, 0.2916)
contains.

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Color

Yxy(22.2765, 0.3678, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	B16E88
RGB	177, 110, 136
RGB Percent	69%, 43%, 53%
CMY	0.3060, 0.5685, 0.4667
CMYK	0.00, 0.38, 0.23, 0.31
HSL	337°, 30%, 56%
HSV	337°, 38%, 69%
XYZ	28.1460, 22.2765, 26.1028
YIQ	132.9970, 31.5860, 22.2900

Conversions

Conversions Part 2

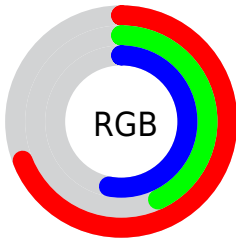
Format	Color
RYB	177, 110, 136
Decimal	11628168
CIELab	54.32, 30.17, -3.00
CIELCh	54, 30.319, 354.315
Yxy	22.2765, 0.3678, 0.2911
Android (android.graphics.Color)	4289818248 (0xFFB16E88)
YUV	132.9970, 1.4805, 38.5906
Hunter-Lab	47.1980, 23.8500, 0.2484

Details

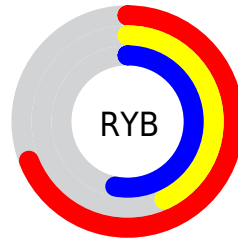
The Yxy color **22.2765, 0.3678, 0.2911** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.9852, 0.2783, 0.3710**, and the grayscale version is **23.4408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3609, 0.3560, 0.2999**, and **8.2203, 0.3901, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **18.5390, 0.3898, 0.2813**, and if you desaturate by 10%, it is **26.8099, 0.3492, 0.3014**.

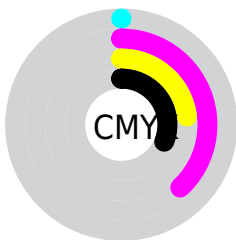
Distribution



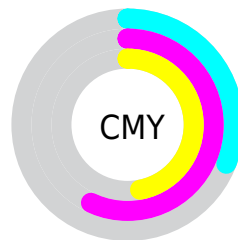
- Red (69%)
- Green (43%)
- Blue (53%)



- Red (69%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (31%)




- Cyan (31%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2765, 0.3678, 0.2911 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 22.2765, 0.3678, 0.2911 by changing the saturation by 10% instead.


 22.2765, 0.3678,
0.2911


 22.2765, 0.3678,
0.2911


263.9868, 0.3371,
0.3120


 14.0602, 0.3767,
0.2851


 47.2026, 0.3558,
0.2992


 8.1626, 0.3891,
0.2770


 64.6811, 0.3515,
0.3021

 4.1991, 0.4073,
0.2651

 86.0159, 0.3480,
0.3045

 1.7856, 0.4366,
0.2463

 111.5913, 0.3451,
0.3065

 0.4782, 0.5067,
0.1951

141.7917, 0.3427,
0.3082

 0.0000, 1.0000,
0.0000

177.0015, 0.3406,

 0.0000, 0.0000,

0.3096

0.0000

217.6051, 0.3387,
0.3109

■ 22.2765, 0.3678,
0.2911

■ 22.2765, 0.3678,
0.2911

■ 18.5390, 0.3898,
0.2813

■ 26.8099, 0.3492,
0.3014

■ 15.5477, 0.4154,
0.2728

■ 32.1789, 0.3338,
0.3117

■ 13.2522, 0.4441,
0.2668


■ 38.4240, 0.3211,
0.3216

■ 11.5944, 0.4750,
0.2645


■ 45.5826, 0.3106,
0.3310

■ 10.5066, 0.5062,
0.2670

■ 53.6895, 0.3020,
0.3396

 9.8820, 0.5357,
0.2742

 62.7778, 0.2950,
0.3476

 9.7692, 0.5420,
0.2760

 72.8791, 0.2891,
0.3549

 84.0236, 0.2843,
0.3615

 86.7757, 0.2791,
0.3527

Harmonies

Analogous

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



22.2765, 0.3129, 0.2604



22.2765, 0.3678, 0.2911



22.2765, 0.4088, 0.3310

Triad

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



22.2765, 0.3678, 0.2911



22.2765, 0.3582, 0.4275



22.2765, 0.2151, 0.2710

Complementary

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



22.2765, 0.3678, 0.2911



36.9852, 0.2783, 0.3710

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.



22.2765, 0.2248, 0.3150



22.2765, 0.3678, 0.2911



22.2765, 0.3051, 0.4140

Square

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



22.2765, 0.3678, 0.2911



22.2765, 0.4012, 0.4098



22.2765, 0.2567, 0.3698



22.2765, 0.2282, 0.2473

Rectangle

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



22.2765, 0.3678, 0.2911



22.2765, 0.4205, 0.3595



22.2765, 0.2567, 0.3698



22.2765, 0.2157, 0.2836

Sweetspot

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



22.2776, 0.3678, 0.2911



64.9048, 0.3251, 0.3184



20.8320, 0.2865, 0.2285



13.7428, 0.3267, 0.3171



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.



22.2776, 0.3678, 0.2911



34.4829, 0.3850, 0.2832



23.1269, 0.4000, 0.3392



8.5580, 0.3228, 0.3202



7.0915, 0.5392, 0.2744



0.2348, 0.4643, 0.2331

Inverse Universe

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



22.2776, 0.3678, 0.2911



34.4829, 0.3850, 0.2832



35.3438, 0.2593, 0.3183



8.5580, 0.3228, 0.3202



7.0915, 0.5392, 0.2744



0.2348, 0.4643, 0.2331

Previews

White Background



This preview shows how the Yxy color 22.2765, 0.3678, 0.2911 looks on a white 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

Black Background



This preview shows how the Yxy color 22.2765, 0.3678, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

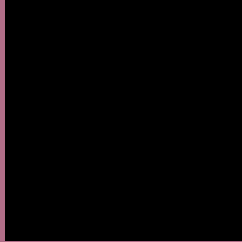
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.2765, 0.3678, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 22.2765, 0.3678, 0.2911.



This preview shows how white text looks on a background with the Yxy color 22.2765, 0.3678, 0.2911.

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

22.2765, 0.3678, 0.2911

Protanopia

22.3507, 0.2908, 0.2961

Deuteranopia

22.3659, 0.3240, 0.3172



Tritanopia

22.3047, 0.3845, 0.3172

Trichromacy



Original Color

22.2765, 0.3678, 0.2911

Protanomaly

21.9524, 0.3156, 0.2927

Deuteranomaly

22.1227, 0.3399, 0.3064

Tritanomaly

22.3248, 0.3794, 0.3084

Monochromacy



Original Color

22.2765, 0.3678, 0.2911

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.7780, 0.3315, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2765, 0.3678, 0.2911 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(177, 110, 136)` looks like.

```
.text, #text, p{  
    color:rgb(177, 110, 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(177, 110, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 110, 136) }
```

Border

The CSS property to change the border of an element to Yxy 22.2765, 0.3678, 0.2911 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(177, 110, 136) }
```

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

```
.border{ border-color:rgb(177, 110, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 110, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 110, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 110, 136);  
box-shadow:4px 4px 4px 4px rgb(177, 110,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2765, 0.3678, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 110, 136) }
```

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

```
.background{ background-color: rgb(177,  
110, 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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