

Converting Colors

$Yxy(18.4038, 0.2846, 0.1888)$

Have a look what the booklet for
Yxy(18.4038, 0.2846, 0.1888)
contains.

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Color

Yxy(18.4224, 0.2848, 0.1888)

Conversions

Conversions Part 1

Format	Color
Hex	A258BF
RGB	162, 88, 191
RGB Percent	64%, 35%, 75%
CMY	0.3647, 0.6548, 0.2511
CMYK	0.15, 0.54, 0.00, 0.25
HSL	283°, 45%, 55%
HSV	283°, 54%, 75%
XYZ	27.7897, 18.4224, 51.3641
YIQ	121.8680, 11.0410, 47.7210

Conversions

Conversions Part 2

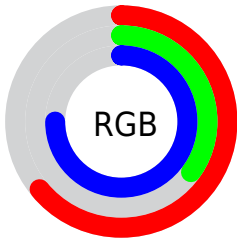
Format	Color
R_{YB}	162, 88, 191
Decimal	10639551
CIE _{Lab}	50.00, 47.36, -41.89
CIE _{LCh}	50, 63.225, 318.505
Yxy	18.4224, 0.2848, 0.1888
Android (android.graphics.Color)	4288829631 (0xFFA258BF)
YUV	121.8680, 34.0821, 35.1958
Hunter-Lab	42.9213, 40.4588, -40.9077

Details

The Yxy color **18.4224, 0.2848, 0.1888** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **41.7354, 0.3250, 0.4893**, and the grayscale version is **19.3024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8871, 0.2925, 0.2148**, and **6.2560, 0.2707, 0.1494** is the 20% darker color. If you saturate the color by 10%, you get **15.1363, 0.2775, 0.1657**, and if you desaturate by 10%, it is **22.5552, 0.2915, 0.2143**.

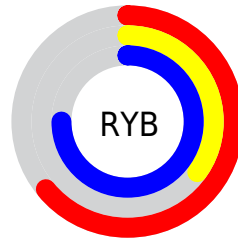
Distribution



Red (64%)

Green (35%)

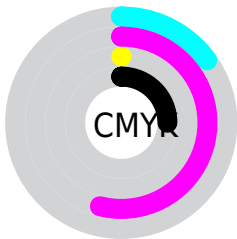
Blue (75%)



Red (64%)

Yellow (35%)

Blue (75%)

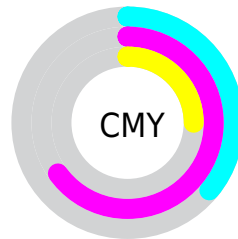


Cyan (15%)

Magenta (54%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (65%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4224, 0.2848, 0.1888 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 18.4224, 0.2848, 0.1888 by changing the saturation by 10% instead.


 18.4224, 0.2848,
0.1888


 18.4224, 0.2848,
0.1888


243.2412, 0.3031,
0.2600


 11.2537, 0.2787,
0.1713


 40.7558, 0.2925,
0.2146


 6.2377, 0.2700,
0.1494


 56.6892, 0.2951,
0.2243

 2.9902, 0.2568,
0.1215


 76.3130, 0.2971,
0.2326

 1.1266, 0.2355,
0.0861

 100.0116, 0.2988,
0.2396

 0.0005, 0.2077,
0.0001

128.1693, 0.3001,
0.2457

 0.0000, 0.0510,
0.0000

161.1705, 0.3013,

 0.0000, 0.0000,

0.2511

0.0000

199.3997, 0.3022,
0.2558

■ 18.4224, 0.2848,
0.1888

■ 18.4224, 0.2848,
0.1888

■ 15.1363, 0.2775,
0.1657

■ 22.5552, 0.2915,
0.2143

■ 12.6288, 0.2700,
0.1461

■ 27.5912, 0.2976,
0.2411

■ 10.8246, 0.2624,
0.1308

■ 33.5846, 0.3030,
0.2680

■ 9.6324, 0.2550,
0.1202

■ 40.5847, 0.3075,
0.2944

■ 9.0969, 0.2505,
0.1154

■ 48.6373, 0.3114,
0.3196

■ 57.7854, 0.3146,
0.3432

■ 68.0694, 0.3172,
0.3649

■ 79.5278, 0.3192,
0.3849

■ 89.0364, 0.3214,
0.3983

Harmonies

Analogous

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



18.4224, 0.1930, 0.1655



18.4224, 0.2848, 0.1888



18.4224, 0.4079, 0.2376

Triad

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



18.4224, 0.2848, 0.1888



18.4224, 0.4953, 0.4576



18.4224, 0.1442, 0.3087

Complementary

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



18.4224, 0.2848, 0.1888



41.7354, 0.3250, 0.4893

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.



18.4224, 0.2049, 0.4503



18.4224, 0.2848, 0.1888



18.4224, 0.4063, 0.5323

Square

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



18.4224, 0.2848, 0.1888



18.4224, 0.5412, 0.3771



18.4224, 0.3016, 0.5479



18.4224, 0.1259, 0.2136

Rectangle

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



18.4224, 0.2848, 0.1888



18.4224, 0.4836, 0.2804



18.4224, 0.3016, 0.5479



18.4224, 0.1594, 0.3532

Sweetspot

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



18.4232, 0.2848, 0.1888



69.6075, 0.3065, 0.2883



18.6023, 0.2195, 0.2062



14.6978, 0.3056, 0.2829



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



18.4232, 0.2848, 0.1888



26.0540, 0.2760, 0.1612



20.9069, 0.3462, 0.2255



9.5577, 0.3094, 0.3061



6.0225, 0.2515, 0.1159



0.2673, 0.2688, 0.1255

Inverse Universe

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



19.3393, 0.4232, 0.2904



28.2465, 0.4645, 0.2852



40.4572, 0.2921, 0.4637



9.5793, 0.3245, 0.3226



7.4649, 0.5798, 0.2968



0.3040, 0.5093, 0.2579

Previews

White Background



This preview shows how the Yxy color 18.4224, 0.2848, 0.1888 looks on a white background.

Color Contrast Check

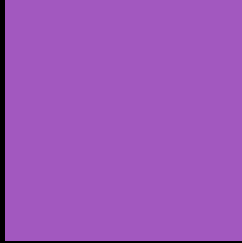
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4224, 0.2848, 0.1888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

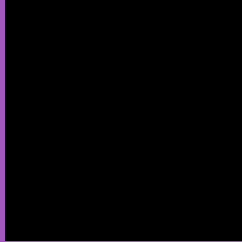
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4224, 0.2848, 0.1888

Background



This preview shows how black text looks on a background with the Yxy color 18.4224, 0.2848, 0.1888.



This preview shows how white text looks on a background with the Yxy color 18.4224, 0.2848, 0.1888.

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

18.4224, 0.2848, 0.1888

Protanopia

18.7657, 0.1963, 0.1735

Deuteranopia

18.6277, 0.2215, 0.2161



Tritanopia

18.3557, 0.3621, 0.3139

Trichromacy



Original Color

18.4224, 0.2848, 0.1888

Protanomaly

17.7457, 0.2174, 0.1743

Deuteranomaly

17.8237, 0.2394, 0.2018

Tritanomaly

18.0661, 0.3321, 0.2605

Monochromacy



Original Color

18.4224, 0.2848, 0.1888

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.5768, 0.3031, 0.2661

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4224, 0.2848, 0.1888 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(162, 88, 191)` looks like.

```
.text, #text, p{  
    color:rgb(162, 88, 191)  
}
```

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(162, 88, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 88, 191) }
```

Border

The CSS property to change the border of an element to Yxy 18.4224, 0.2848, 0.1888 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(162, 88, 191) }
```

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

```
.border{ border-color:rgb(162, 88, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 88, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 88, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 88, 191);  
box-shadow:4px 4px 4px 4px rgb(162, 88,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4224, 0.2848, 0.1888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 88, 191) }
```

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

```
.background{ background-color: rgb(162, 88,  
191) }
```

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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