

Converting Colors

$Yxy(18.6008, 0.5181, 0.3023)$

Have a look what the booklet for
Yxy(18.6008, 0.5181, 0.3023)
contains.

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Color

Yxy(18.6880, 0.5174, 0.3022)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D93C58 |
| RGB | 217, 60, 88 |
| RGB Percent | 85%, 24%, 35% |
| CMY | 0.1490, 0.7647, 0.6549 |
| CMYK | 0.00, 0.72, 0.59, 0.15 |
| HSL | 349°, 67%, 54% |
| HSV | 349°, 72%, 85% |
| XYZ | 31.9959, 18.6880, 11.1559 |
| YIQ | 110.1350, 84.5840, 41.9920 |

Conversions

Conversions Part 2

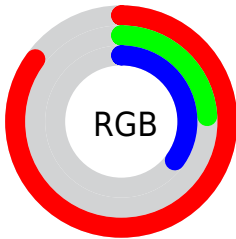
| Format | Color |
|----------------------------------------------------|-------------------------------------------|
| <code>RYB</code> | 217, 60, 88 |
| Decimal | 14236760 |
| CIELab | 50.32, 61.96, 20.76 |
| CIELCh | 50, 65.343, 18.523 |
| Yxy | 18.6880, 0.5174, 0.3022 |
| Android (<code>android.graphics.Color</code>) | 4292426840 (<code>0xFFD93C58</code>) |
| YUV | 110.1350, -10.9126, 93.7206 |
| Hunter-Lab | 43.2296, 56.4630, 14.9603 |

Details

The Yxy color **18.6880, 0.5174, 0.3022** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **54.2664, 0.2442, 0.3695**, and the grayscale version is **15.6467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.0518, 0.4486, 0.3092**, and **7.1430, 0.5808, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **16.6029, 0.5588, 0.3049**, and if you desaturate by 10%, it is **21.7790, 0.4752, 0.3026**.

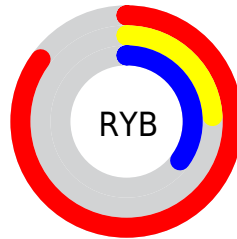
Distribution



Red (85%)

Green (24%)

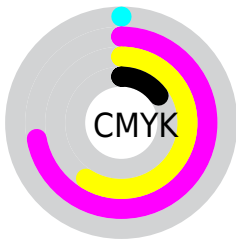
Blue (35%)



Red (85%)

Yellow (24%)

Blue (35%)

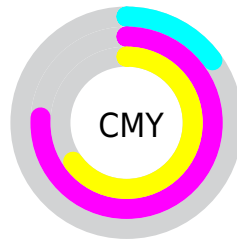


Cyan (0%)

Magenta (72%)

Yellow (59%)

Black (15%)



Cyan (15%)


Magenta (76%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.6880, 0.5174, 0.3022 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 18.6880, 0.5174, 0.3022 by changing the saturation by 10% instead.


 18.6880, 0.5174,
0.3022


 18.6880, 0.5174,
0.3022


244.7209, 0.4000,
0.3232


 11.4451, 0.5514,
0.2933


 41.2062, 0.4711,
0.3123


 6.3670, 0.5974,
0.2794


 57.2503, 0.4548,
0.3152


 3.0695, 0.6610,
0.2558

 76.9968, 0.4415,
0.3175

 1.1681, 0.7784,
0.2216

 100.8303, 0.4304,
0.3192

 0.0354, 0.9803,
0.0197

 129.1350, 0.4210,
0.3206

 0.0000, 1.0000,
0.0000

162.2954, 0.4130,

 0.0000, 0.0000,

0.3216

0.0000

200.6959, 0.4061,
0.3225

■ 18.6880, 0.5174,
0.3022

■ 18.6880, 0.5174,
0.3022

■ 16.6029, 0.5588,
0.3049

■ 21.7790, 0.4752,
0.3026

■ 15.3930, 0.5942,
0.3107

■ 25.9792, 0.4361,
0.3052

■ 14.8984, 0.6150,
0.3162

■ 31.3825, 0.4021,
0.3092


■ 38.0718, 0.3735,
0.3139

■ 46.1229, 0.3501,
0.3188

 55.6054, 0.3312,
0.3235

 66.5844, 0.3159,
0.3280

 79.1208, 0.3035,
0.3321

 93.0801, 0.2935,
0.3356

Harmonies

Analogous

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



18.6880, 0.4104, 0.2355



18.6880, 0.5174, 0.3022



18.6880, 0.5466, 0.3767

Triad

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



18.6880, 0.5174, 0.3022



18.6880, 0.3002, 0.5548



18.6880, 0.1387, 0.1678

Complementary

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



18.6880, 0.5174, 0.3022



54.2664, 0.2442, 0.3695

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.



18.6880, 0.1222, 0.2104



18.6880, 0.5174, 0.3022



18.6880, 0.2017, 0.4541

Square

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



18.6880, 0.5174, 0.3022



18.6880, 0.4070, 0.5368



18.6880, 0.1404, 0.3074



18.6880, 0.1903, 0.1622

Rectangle

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



18.6880, 0.5174, 0.3022



18.6880, 0.5211, 0.4308



18.6880, 0.1404, 0.3074



18.6880, 0.1295, 0.1772

Sweetspot

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



18.6891, 0.5174, 0.3022



66.6599, 0.3498, 0.3188



18.9610, 0.2878, 0.1562



13.5436, 0.3557, 0.3175



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



18.6891, 0.5174, 0.3022



22.8337, 0.5791, 0.3077



26.1700, 0.5097, 0.3813



13.0893, 0.3264, 0.3249



9.0286, 0.6120, 0.3145



0.5965, 0.5686, 0.2906

Inverse Universe

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



18.6891, 0.5174, 0.3022



22.8337, 0.5791, 0.3077



33.7141, 0.2131, 0.2542



13.0893, 0.3264, 0.3249



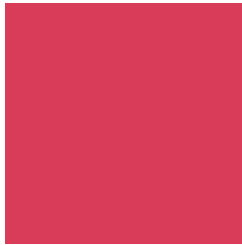
9.0286, 0.6120, 0.3145



0.5965, 0.5686, 0.2906

Previews

White Background



This preview shows how the Yxy color 18.6880, 0.5174, 0.3022 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 18.6880, 0.5174, 0.3022 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 18.6880, 0.5174, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 18.6880, 0.5174, 0.3022.

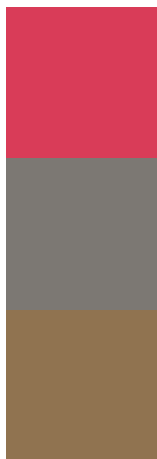


This preview shows how white text looks on a background with the Yxy color 18.6880, 0.5174, 0.3022.

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

18.6880, 0.5174, 0.3022

Protanopia

18.9558, 0.3236, 0.3385

Deuteranopia

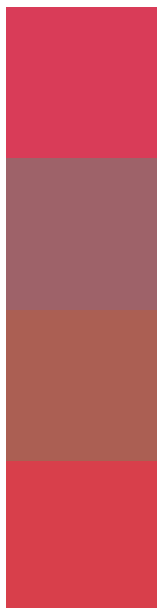
18.7699, 0.3970, 0.3906



Tritanopia

18.6710, 0.5457, 0.3269

Trichromacy



Original Color

18.6880, 0.5174, 0.3022

Protanomaly

17.0244, 0.3922, 0.3177

Deuteranomaly

17.4669, 0.4464, 0.3473

Tritanomaly

18.6619, 0.5350, 0.3183

Monochromacy



Original Color

18.6880, 0.5174, 0.3022

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.0032, 0.3870, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.6880, 0.5174, 0.3022 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(217, 60, 88)` looks like.

```
.text, #text, p{  
    color:rgb(217, 60, 88)  
}
```

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(217, 60, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 60, 88) }
```

Border

The CSS property to change the border of an element to Yxy 18.6880, 0.5174, 0.3022 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(217, 60, 88) }
```

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

```
.border{ border-color:rgb(217, 60, 88) }
```

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

Here you see how a box with a 4 pixel rgb(217, 60, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 60, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 60, 88);  
box-shadow:4px 4px 4px 4px rgb(217, 60,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 18.6880, 0.5174, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 60, 88) }
```

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

```
.background{ background-color: rgb(217, 60,  
88) }
```

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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