

Converting Colors

$Yxy(18.0817, 0.5071, 0.2805)$

Have a look what the booklet for
Yxy(18.0817, 0.5071, 0.2805)
contains.

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Color

Yxy(18.1495, 0.5082, 0.2813)

Conversions

Conversions Part 1

Format	Color
Hex	DC2F63
RGB	220, 47, 99
RGB Percent	86%, 18%, 39%
CMY	0.1372, 0.8158, 0.6117
CMYK	0.00, 0.79, 0.55, 0.14
HSL	342°, 71%, 52%
HSV	342°, 79%, 86%
XYZ	32.7891, 18.1495, 13.5815
YIQ	104.6550, 86.4160, 52.8480

Conversions

Conversions Part 2

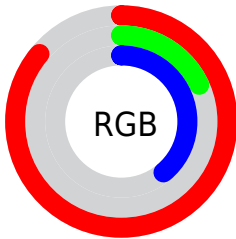
Format	Color
R_{YB}	220, 47, 99
Decimal	14430051
CIE _{Lab}	49.68, 67.58, 13.31
CIE _{LCh}	50, 68.879, 11.139
Yxy	18.1495, 0.5082, 0.2813
Android (android.graphics.Color)	4292620131 (0xFFDC2F63)
YUV	104.6550, -2.7879, 101.1576
Hunter-Lab	42.6022, 62.8299, 10.9201

Details

The Yxy color **18.1495, 0.5082, 0.2813** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **54.6278, 0.2520, 0.4069**, and the grayscale version is **14.0152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5818, 0.4383, 0.2902**, and **7.5261, 0.5603, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **16.5471, 0.5437, 0.2860**, and if you desaturate by 10%, it is **20.6956, 0.4715, 0.2812**.

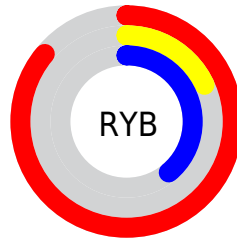
Distribution



Red (86%)

Green (18%)

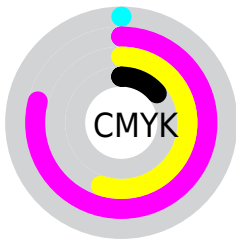
Blue (39%)



Red (86%)

Yellow (18%)

Blue (39%)

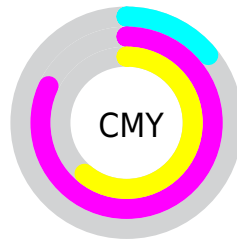


Cyan (0%)

Magenta (79%)

Yellow (55%)

Black (14%)



Cyan (14%)


Magenta (82%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.1495, 0.5082, 0.2813 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 18.1495, 0.5082, 0.2813 by changing the saturation by 10% instead.


 18.1495, 0.5082,
0.2813


 18.1495, 0.5082,
0.2813


241.7124, 0.3958,
0.3123


 11.0574, 0.5412,
0.2705


 40.2919, 0.4637,
0.2946


 6.1054, 0.5864,
0.2545

 56.1110, 0.4480,
0.2990

 2.9093, 0.6504,
0.2294

 75.6078, 0.4353,
0.3024

 1.0846, 0.7653,
0.1927

 99.1668, 0.4247,
0.3052

 0.0000, 1.0000,
0.0000

 127.1724, 0.4158,
0.3074

 0.0000, 0.0000,
0.0000

160.0089, 0.4082,

0.3093

198.0608, 0.4016,
0.3109

■ 18.1495, 0.5082,
0.2813

■ 18.1495, 0.5082,
0.2813

■ 16.5471, 0.5437,
0.2860

■ 20.6956, 0.4715,
0.2812

■ 15.7036, 0.5749,
0.2950

■ 24.3024, 0.4368,
0.2848

■ 15.6143, 0.5788,
0.2962

■ 29.0732, 0.4057,
0.2909

■ 35.0980, 0.3790,
0.2984

■ 42.4581, 0.3567,
0.3066

■ 51.2277, 0.3384,
0.3147

■ 61.4755, 0.3234,
0.3226

■ 73.2659, 0.3112,
0.3300

■ 86.6592, 0.3013,
0.3368

Harmonies

Analogous

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



18.1495, 0.3818, 0.2157



18.1495, 0.5082, 0.2813



18.1495, 0.5604, 0.3559

Triad

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



18.1495, 0.5082, 0.2813



18.1495, 0.3243, 0.5759



18.1495, 0.1238, 0.1666

Complementary

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



18.1495, 0.5082, 0.2813



54.6278, 0.2520, 0.4069

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.



18.1495, 0.1149, 0.2219



18.1495, 0.5082, 0.2813



18.1495, 0.2170, 0.5005

Square

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



18.1495, 0.5082, 0.2813



18.1495, 0.4343, 0.5280



18.1495, 0.1427, 0.3403



18.1495, 0.1672, 0.1533

Rectangle

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



18.1495, 0.5082, 0.2813



18.1495, 0.5441, 0.4103



18.1495, 0.1427, 0.3403



18.1495, 0.1172, 0.1794

Sweetspot

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



18.1506, 0.5082, 0.2813



64.5184, 0.3481, 0.3102



15.2221, 0.2592, 0.1337



12.9040, 0.3550, 0.3073



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.



18.1506, 0.5082, 0.2813



22.3046, 0.5634, 0.2912



20.9721, 0.5581, 0.3568



13.1157, 0.3245, 0.3220



9.1791, 0.5749, 0.2941



0.6097, 0.5281, 0.2683

Inverse Universe

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



18.1506, 0.5082, 0.2813



22.3046, 0.5634, 0.2912



41.8648, 0.2170, 0.2827



13.1157, 0.3245, 0.3220



9.1791, 0.5749, 0.2941



0.6097, 0.5281, 0.2683

Previews

White Background



This preview shows how the Yxy color 18.1495, 0.5082, 0.2813 looks on a white background.

Color Contrast Check

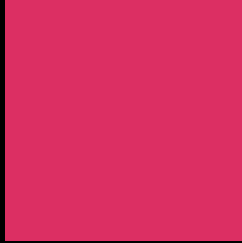
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1495, 0.5082, 0.2813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

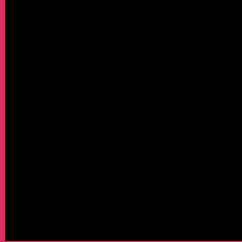
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1495, 0.5082, 0.2813

Background



This preview shows how black text looks on a background with the Yxy color 18.1495, 0.5082, 0.2813.

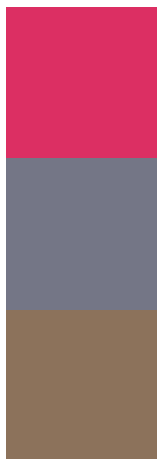


This preview shows how white text looks on a background with the Yxy color 18.1495, 0.5082, 0.2813.

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

18.1495, 0.5082, 0.2813

Protanopia

18.3911, 0.2923, 0.2989

Deuteranopia

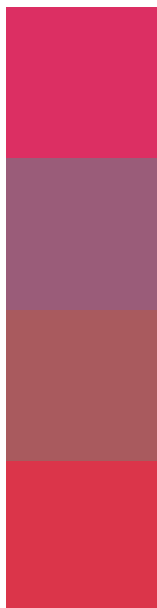
18.3654, 0.3779, 0.3707



Tritanopia

18.1474, 0.5635, 0.3281

Trichromacy



Original Color

18.1495, 0.5082, 0.2813

Protanomaly

15.9048, 0.3642, 0.2811

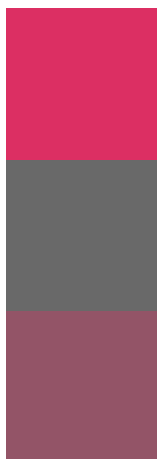
Deuteranomaly

16.5555, 0.4303, 0.3232

Tritanomaly

18.1007, 0.5458, 0.3114

Monochromacy



Original Color

18.1495, 0.5082, 0.2813

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.5230, 0.3864, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1495, 0.5082, 0.2813 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(220, 47, 99)` looks like.

```
.text, #text, p{  
    color:rgb(220, 47, 99)  
}
```

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(220, 47, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 47, 99) }
```

Border

The CSS property to change the border of an element to Yxy 18.1495, 0.5082, 0.2813 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(220, 47, 99) }
```

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

```
.border{ border-color:rgb(220, 47, 99) }
```

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

Here you see how a box with a 4 pixel rgb(220, 47, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 47, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 47, 99);  
box-shadow:4px 4px 4px 4px rgb(220, 47,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1495, 0.5082, 0.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 47, 99) }
```

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

```
.background{ background-color: rgb(220, 47,  
99) }
```

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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