

Converting Colors

$Yxy(17.8544, 0.5318, 0.2968)$

Have a look what the booklet for
Yxy(17.8544, 0.5318, 0.2968)
contains.

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Color

Yxy(17.8299, 0.5310, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	DB3055
RGB	219, 48, 85
RGB Percent	86%, 19%, 33%
CMY	0.1412, 0.8117, 0.6667
CMYK	0.00, 0.78, 0.61, 0.14
HSL	347°, 70%, 52%
HSV	347°, 78%, 86%
XYZ	31.9099, 17.8299, 10.3542
YIQ	103.3470, 90.0390, 47.7590

Conversions

Conversions Part 2

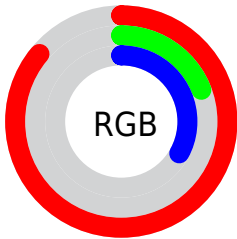
Format	Color
RYB	219, 48, 85
Decimal	14364757
CIELab	49.29, 66.09, 21.28
CIElCh	49, 69.431, 17.847
Yxy	17.8299, 0.5310, 0.2967
Android (android.graphics.Color)	4292554837 (0xFFDB3055)
YUV	103.3470, -9.0451, 101.4277
Hunter-Lab	42.2255, 60.9985, 15.0192

Details

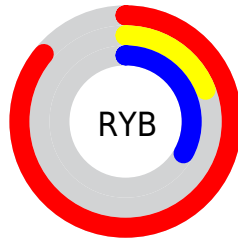
The Yxy color **17.8299, 0.5310, 0.2967** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark muted red. A complement of this color would be **54.6690, 0.2454, 0.3833**, and the grayscale version is **13.6690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1331, 0.4576, 0.3056**, and **7.3282, 0.5865, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **16.2192, 0.5692, 0.3015**, and if you desaturate by 10%, it is **20.3922, 0.4902, 0.2957**.

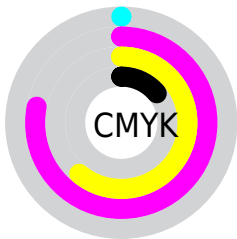
Distribution



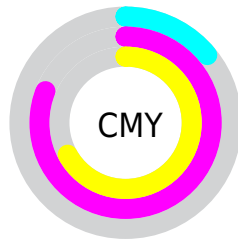
- Red (86%)
- Green (19%)
- Blue (33%)



- Red (86%)
- Yellow (19%)
- Blue (33%)



- Cyan (0%)
- Magenta (78%)
- Yellow (61%)
- Black (14%)





- Cyan (14%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8299, 0.5310, 0.2967 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 17.8299, 0.5310, 0.2967 by changing the saturation by 10% instead.


 17.8299, 0.5310,
0.2967


 17.8299, 0.5310,
0.2967


239.9105, 0.4054,
0.3215

 10.8279, 0.5674,
0.2864


 39.7473, 0.4814,
0.3085


 5.9513, 0.6163,
0.2704

 55.4315, 0.4639,
0.3120


 2.8155, 0.6838,
0.2437

 74.7785, 0.4497,
0.3146

 1.0362, 0.7975,
0.2025

 98.1728, 0.4378,
0.3167

 0.0000, 1.0000,
0.0000

 125.9988, 0.4278,
0.3183

 0.0000, 0.0000,
0.0000

158.6408, 0.4192,

0.3196

196.4832, 0.4118,
0.3207

■ 17.8299, 0.5310,
0.2967

■ 17.8299, 0.5310,
0.2967

■ 16.2192, 0.5692,
0.3015

■ 20.3922, 0.4902,
0.2957

■ 15.3876, 0.6002,
0.3094

■ 24.0220, 0.4509,
0.2978

■ 15.2681, 0.6054,
0.3109


■ 28.8219, 0.4157,
0.3020

■ 34.8815, 0.3856,
0.3073

■ 42.2817, 0.3607,
0.3132

 51.0965, 0.3403,
0.3191

 61.3947, 0.3237,
0.3247

 73.2402, 0.3104,
0.3300

 86.6936, 0.2995,
0.3348

Harmonies

Analogous

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



17.8299, 0.4142, 0.2279



17.8299, 0.5310, 0.2967



17.8299, 0.5618, 0.3733

Triad

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



17.8299, 0.5310, 0.2967



17.8299, 0.2984, 0.5755



17.8299, 0.1287, 0.1589

Complementary

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



17.8299, 0.5310, 0.2967



54.6690, 0.2454, 0.3833

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.



17.8299, 0.1122, 0.2032



17.8299, 0.5310, 0.2967



17.8299, 0.1947, 0.4689

Square

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



17.8299, 0.5310, 0.2967



17.8299, 0.4108, 0.5472



17.8299, 0.1308, 0.3071



17.8299, 0.1810, 0.1530

Rectangle

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



17.8299, 0.5310, 0.2967



17.8299, 0.5334, 0.4297



17.8299, 0.1308, 0.3071



17.8299, 0.1195, 0.1685

Sweetspot

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



17.8310, 0.5310, 0.2967



65.5032, 0.3502, 0.3161



17.1689, 0.2786, 0.1444



13.0811, 0.3579, 0.3139



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.



17.8310, 0.5310, 0.2967



22.0172, 0.5910, 0.3067



23.7235, 0.5368, 0.3749



13.0974, 0.3258, 0.3240



9.0667, 0.6020, 0.3090



0.6003, 0.5561, 0.2837

Inverse Universe

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



17.8310, 0.5310, 0.2967



22.0172, 0.5910, 0.3067



34.7006, 0.2104, 0.2563



13.0974, 0.3258, 0.3240



9.0667, 0.6020, 0.3090



0.6003, 0.5561, 0.2837

Previews

White Background



This preview shows how the Yxy color 17.8299, 0.5310, 0.2967 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 17.8299, 0.5310, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

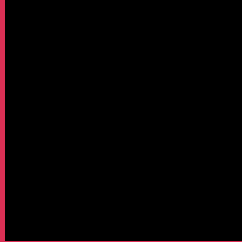
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8299, 0.5310, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 17.8299, 0.5310, 0.2967.



This preview shows how white text looks on a background with the Yxy color 17.8299, 0.5310, 0.2967.

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

17.8299, 0.5310, 0.2967

Protanopia

17.9766, 0.3177, 0.3309

Deuteranopia

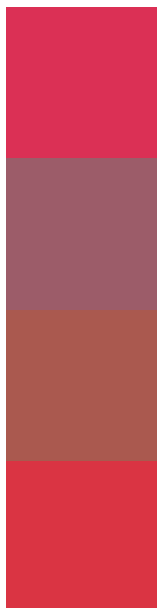
18.0828, 0.4009, 0.3948



Tritanopia

17.8293, 0.5696, 0.3282

Trichromacy



Original Color

17.8299, 0.5310, 0.2967

Protanomaly

15.7421, 0.3925, 0.3076

Deuteranomaly

16.2553, 0.4567, 0.3443

Tritanomaly

17.7667, 0.5561, 0.3172

Monochromacy



Original Color

17.8299, 0.5310, 0.2967

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.0508, 0.3960, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8299, 0.5310, 0.2967 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(219, 48, 85)` looks like.

```
.text, #text, p{  
  color:rgb(219, 48, 85)  
}
```

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(219, 48, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 48, 85) }
```

Border

The CSS property to change the border of an element to Yxy 17.8299, 0.5310, 0.2967 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(219, 48, 85) }
```

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

```
.border{ border-color:rgb(219, 48, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 48, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 48, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 48, 85);  
box-shadow:4px 4px 4px 4px rgb(219, 48,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8299, 0.5310, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 48, 85) }
```

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

```
.background{ background-color: rgb(219, 48,  
85) }
```

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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