

Converting Colors

$Yxy(16.9478, 0.5449, 0.3089)$

Have a look what the booklet for
Yxy(16.9478, 0.5449, 0.3089)
contains.

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Color

Yxy(16.9084, 0.5446, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	D53249
RGB	213, 50, 73
RGB Percent	84%, 20%, 29%
CMY	0.1648, 0.8038, 0.7138
CMYK	0.00, 0.77, 0.66, 0.16
HSL	352°, 66%, 52%
HSV	352°, 77%, 84%
XYZ	29.7811, 16.9084, 7.9949
YIQ	101.3590, 89.7650, 41.7090

Conversions

Conversions Part 2

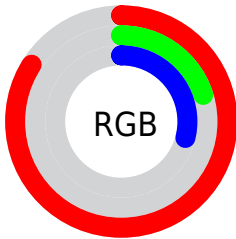
Format	Color
R_{YB}	213, 50, 73
Decimal	13972041
CIE _{Lab}	48.14, 63.12, 26.84
CIE _{LCh}	48, 68.589, 23.041
Yxy	16.9084, 0.5446, 0.3092
Android (android.graphics.Color)	4292162121 (0xFFD53249)
YUV	101.3590, -13.9810, 97.9092
Hunter-Lab	41.1198, 57.3192, 17.2562

Details

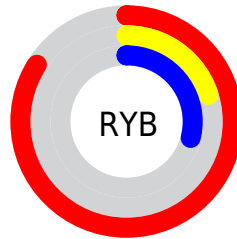
The Yxy color **16.9084, 0.5446, 0.3092** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **51.9811, 0.2400, 0.3626**, and the grayscale version is **13.1348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7923, 0.4741, 0.3187**, and **6.6730, 0.6045, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **15.2831, 0.5844, 0.3128**, and if you desaturate by 10%, it is **19.4536, 0.5009, 0.3082**.

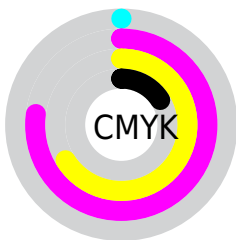
Distribution



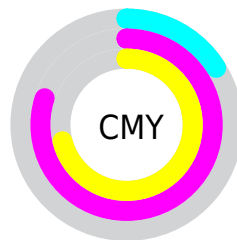
- Red (84%)
- Green (20%)
- Blue (29%)



- Red (84%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (77%)
- Yellow (66%)
- Black (16%)




- Cyan (16%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9084, 0.5446, 0.3092 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 16.9084, 0.5446, 0.3092 by changing the saturation by 10% instead.


 16.9084, 0.5446,
0.3092


 16.9084, 0.5446,
0.3092

234.6440, 0.4106,
0.3291


 10.1692, 0.5831,
0.2992


 38.1682, 0.4918,
0.3198


 5.5113, 0.6341,
0.2825

 53.4576, 0.4731,
0.3226

 2.5503, 0.7120,
0.2568

 72.3659, 0.4579,
0.3246

 0.9017, 0.7976,
0.2024

 95.2774, 0.4452,
0.3261

 0.0000, 1.0000,
0.0000

 122.5766, 0.4345,
0.3272

 0.0000, 0.0000,
0.0000

154.6478, 0.4254,

0.3280

191.8755, 0.4175,
0.3286

■ 16.9084, 0.5446,
0.3092

■ 16.9084, 0.5446,
0.3092

■ 15.2831, 0.5844,
0.3128

■ 19.4536, 0.5009,
0.3082

■ 14.4356, 0.6147,
0.3187

■ 23.0254, 0.4584,
0.3094

■ 14.2382, 0.6228,
0.3205

■ 27.7188, 0.4204,
0.3121

■ 33.6175, 0.3880,
0.3156

■ 40.7968, 0.3613,
0.3194

■ 49.3262, 0.3397,
0.3232

■ 59.2701, 0.3222,
0.3268

■ 70.6885, 0.3081,
0.3301

■ 83.6384, 0.2968,
0.3332

Harmonies

Analogous

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



16.9084, 0.4388, 0.2385



16.9084, 0.5446, 0.3092



16.9084, 0.5586, 0.3873

Triad

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



16.9084, 0.5446, 0.3092



16.9084, 0.2786, 0.5687



16.9084, 0.1343, 0.1548

Complementary

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



16.9084, 0.5446, 0.3092



51.9811, 0.2400, 0.3626

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.



16.9084, 0.1120, 0.1913



16.9084, 0.5446, 0.3092



16.9084, 0.1794, 0.4408

Square

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



16.9084, 0.5446, 0.3092



16.9084, 0.3918, 0.5600



16.9084, 0.1239, 0.2836



16.9084, 0.1938, 0.1545

Rectangle

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



16.9084, 0.5446, 0.3092



16.9084, 0.5220, 0.4454



16.9084, 0.1239, 0.2836



16.9084, 0.1231, 0.1623

Sweetspot

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



16.9094, 0.5446, 0.3092



65.2869, 0.3537, 0.3206



17.8484, 0.2921, 0.1532



13.0301, 0.3622, 0.3192



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.



16.9094, 0.5446, 0.3092



22.0357, 0.6053, 0.3164



24.9046, 0.5179, 0.3876



12.4490, 0.3269, 0.3257



8.7073, 0.6203, 0.3191



0.5346, 0.5794, 0.2966

Inverse Universe

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



16.9094, 0.5446, 0.3092



22.0357, 0.6053, 0.3164



29.2442, 0.2071, 0.2403



12.4490, 0.3269, 0.3257



8.7073, 0.6203, 0.3191



0.5346, 0.5794, 0.2966

Previews

White Background



This preview shows how the Yxy color 16.9084, 0.5446, 0.3092 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 16.9084, 0.5446, 0.3092 looks on a black 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

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

Yxy 16.9084, 0.5446, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 16.9084, 0.5446, 0.3092.

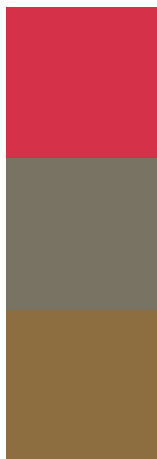


This preview shows how white text looks on a background with the Yxy color 16.9084, 0.5446, 0.3092.

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

16.9084, 0.5446, 0.3092

Protanopia

17.2273, 0.3406, 0.3606

Deuteranopia

17.0975, 0.4157, 0.4105



Tritanopia

16.9112, 0.5672, 0.3289

Trichromacy



Original Color

16.9084, 0.5446, 0.3092

Protanomaly

15.0904, 0.4148, 0.3310

Deuteranomaly

15.6002, 0.4722, 0.3604

Tritanomaly

16.8911, 0.5584, 0.3220

Monochromacy



Original Color

16.9084, 0.5446, 0.3092

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.5407, 0.4008, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9084, 0.5446, 0.3092 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(213, 50, 73)` looks like.

```
.text, #text, p{  
    color:rgb(213, 50, 73)  
}
```

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(213, 50, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 50, 73) }
```

Border

The CSS property to change the border of an element to Yxy 16.9084, 0.5446, 0.3092 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(213, 50, 73) }
```

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

```
.border{ border-color:rgb(213, 50, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 50, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 50, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 50, 73);  
box-shadow:4px 4px 4px 4px rgb(213, 50,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9084, 0.5446, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 50, 73) }
```

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

```
.background{ background-color: rgb(213, 50,  
73) }
```

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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