

Converting Colors

$Yxy(16.3684, 0.5477, 0.3016)$

Have a look what the booklet for
Yxy(16.3684, 0.5477, 0.3016)
contains.

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Color

Yxy(16.3900, 0.5473, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	D6294B
RGB	214, 41, 75
RGB Percent	84%, 16%, 29%
CMY	0.1608, 0.8390, 0.7058
CMYK	0.00, 0.81, 0.65, 0.16
HSL	348°, 68%, 50%
HSV	348°, 81%, 84%
XYZ	29.7916, 16.3900, 8.2522
YIQ	96.6030, 92.1940, 47.2500

Conversions

Conversions Part 2

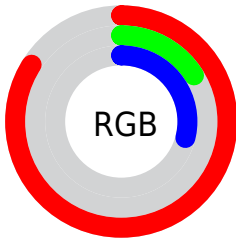
Format	Color
RYB	214, 41, 75
Decimal	14035275
CIELab	47.48, 66.01, 24.81
CIElCh	47, 70.522, 20.601
Yxy	16.3900, 0.5473, 0.3011
Android (android.graphics.Color)	4292225355 (0xFFD6294B)
YUV	96.6030, -10.6503, 102.9572
Hunter-Lab	40.4846, 60.5057, 16.2538

Details

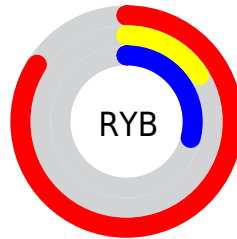
The Yxy color **16.3900, 0.5473, 0.3011** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **51.8537, 0.2432, 0.3799**, and the grayscale version is **11.8670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.5907, 0.4750, 0.3111**, and **6.6836, 0.6008, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **15.0854, 0.5840, 0.3067**, and if you desaturate by 10%, it is **18.5639, 0.5060, 0.2990**.

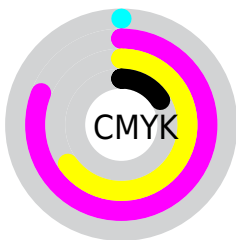
Distribution



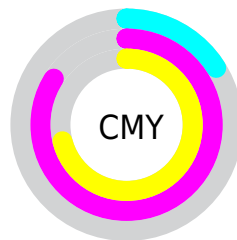
- Red (84%)
- Green (16%)
- Blue (29%)



- Red (84%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (81%)
- Yellow (65%)
- Black (16%)



- Cyan (16%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.3900, 0.5473, 0.3011 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 16.3900, 0.5473, 0.3011 by changing the saturation by 10% instead.


 16.3900, 0.5473,
0.3011


 16.3900, 0.5473,
0.3011


231.6322, 0.4112,
0.3252


 9.8005, 0.5867,
0.2900


 37.2740, 0.4935,
0.3132


 5.2669, 0.6393,
0.2720

 52.3372, 0.4745,
0.3167


 2.4047, 0.7181,
0.2441

 70.9939, 0.4590,
0.3192

 0.8283, 0.8111,
0.1889

 93.6284, 0.4462,
0.3211

 0.0000, 1.0000,
0.0000

 120.6251, 0.4353,
0.3225

 0.0000, 0.0000,
0.0000

 152.3683, 0.4261,

0.3236

189.2426, 0.4181,
0.3245

■ 16.3900, 0.5473,
0.3011

■ 16.3900, 0.5473,
0.3011

■ 15.0854, 0.5840,
0.3067

■ 18.5639, 0.5060,
0.2990


■ 14.4612, 0.6104,
0.3136

■ 21.7228, 0.4651,
0.3001


■ 25.9679, 0.4277,
0.3034


■ 31.3868, 0.3953,
0.3080

■ 38.0582, 0.3683,
0.3132

 46.0540, 0.3462,
0.3186

 55.4406, 0.3283,
0.3237

 66.2799, 0.3138,
0.3286

 78.6301, 0.3020,
0.3331

Harmonies

Analogous

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



16.3900, 0.4316, 0.2301



16.3900, 0.5473, 0.3011



16.3900, 0.5682, 0.3795

Triad

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



16.3900, 0.5473, 0.3011



16.3900, 0.2850, 0.5838



16.3900, 0.1266, 0.1515

Complementary

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



16.3900, 0.5473, 0.3011



51.8537, 0.2432, 0.3799

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.



16.3900, 0.1066, 0.1917



16.3900, 0.5473, 0.3011



16.3900, 0.1813, 0.4599

Square

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



16.3900, 0.5473, 0.3011



16.3900, 0.4009, 0.5609



16.3900, 0.1212, 0.2920



16.3900, 0.1835, 0.1488

Rectangle

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



16.3900, 0.5473, 0.3011



16.3900, 0.5329, 0.4383



16.3900, 0.1212, 0.2920



16.3900, 0.1162, 0.1600

Sweetspot

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



16.3910, 0.5473, 0.3011



64.2021, 0.3533, 0.3167



16.0743, 0.2804, 0.1426



12.8296, 0.3612, 0.3148



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.



16.3910, 0.5473, 0.3011



21.7139, 0.6049, 0.3124



22.2701, 0.5428, 0.3773



12.4603, 0.3260, 0.3244



8.7540, 0.6072, 0.3119



0.5398, 0.5595, 0.2856

Inverse Universe

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



16.3910, 0.5473, 0.3011



21.7139, 0.6049, 0.3124



31.2035, 0.2072, 0.2487



12.4603, 0.3260, 0.3244



8.7540, 0.6072, 0.3119



0.5398, 0.5595, 0.2856

Previews

White Background



This preview shows how the Yxy color 16.3900, 0.5473, 0.3011 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 16.3900, 0.5473, 0.3011 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 16.3900, 0.5473, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 16.3900, 0.5473, 0.3011.



This preview shows how white text looks on a background with the Yxy color 16.3900, 0.5473, 0.3011.

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

16.3900, 0.5473, 0.3011

Protanopia

16.6613, 0.3306, 0.3470

Deuteranopia

16.5217, 0.4124, 0.4049



Tritanopia

16.3926, 0.5820, 0.3291

Trichromacy



Original Color

16.3900, 0.5473, 0.3011

Protanomaly

14.3790, 0.4111, 0.3191

Deuteranomaly

14.8773, 0.4721, 0.3517

Tritanomaly

16.3284, 0.5704, 0.3196

Monochromacy



Original Color

16.3900, 0.5473, 0.3011

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.6045, 0.4044, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3900, 0.5473, 0.3011 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(214, 41, 75)` looks like.

```
.text, #text, p{  
    color:rgb(214, 41, 75)  
}
```

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(214, 41, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 41, 75) }
```

Border

The CSS property to change the border of an element to Yxy 16.3900, 0.5473, 0.3011 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(214, 41, 75) }
```

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

```
.border{ border-color:rgb(214, 41, 75) }
```

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

Here you see how a box with a 4 pixel rgb(214, 41, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 41, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 41, 75);  
box-shadow:4px 4px 4px 4px rgb(214, 41,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3900, 0.5473, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 41, 75) }
```

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

```
.background{ background-color: rgb(214, 41,  
75) }
```

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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