

Converting Colors

$Yxy(15.2274, 0.5422, 0.3001)$

Have a look what the booklet for
Yxy(15.2274, 0.5422, 0.3001)
contains.

Yxy(15.2021, 0.5426, 0.3001)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.2021, 0.5426, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	CE294A
RGB	206, 41, 74
RGB Percent	81%, 16%, 29%
CMY	0.1921, 0.8393, 0.7097
CMYK	0.00, 0.80, 0.64, 0.19
HSL	348°, 67%, 48%
HSV	348°, 80%, 81%
XYZ	27.4864, 15.2021, 7.9683
YIQ	94.0970, 87.7470, 45.2430

Conversions

Conversions Part 2

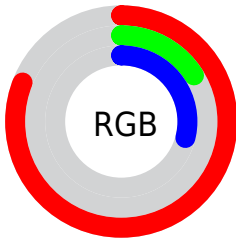
Format	Color
RYB	206, 41, 74
Decimal	13510986
CIELab	45.91, 63.79, 23.08
CIElCh	46, 67.842, 19.893
Yxy	15.2021, 0.5426, 0.3001
Android (android.graphics.Color)	4291701066 (0xFFCE294A)
YUV	94.0970, -9.9078, 98.1389
Hunter-Lab	38.9899, 57.6034, 15.1759

Details

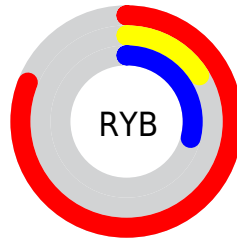
The Yxy color **15.2021, 0.5426, 0.3001** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **47.6367, 0.2437, 0.3803**, and the grayscale version is **11.2241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.3656, 0.4769, 0.3112**, and **6.0282, 0.5989, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **13.9385, 0.5799, 0.3054**, and if you desaturate by 10%, it is **17.2703, 0.5014, 0.2984**.

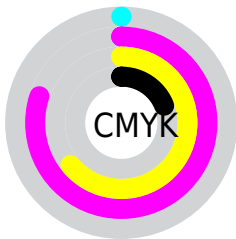
Distribution



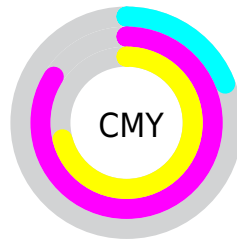
- Red (81%)
- Green (16%)
- Blue (29%)



- Red (81%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (80%)
- Yellow (64%)
- Black (19%)





- Cyan (19%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2021, 0.5426, 0.3001 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 15.2021, 0.5426, 0.3001 by changing the saturation by 10% instead.


 15.2021, 0.5426,
0.3001

 15.2021, 0.5426,
0.3001


224.5862, 0.4076,
0.3245

 8.9613, 0.5827,
0.2888


 35.2073, 0.4886,
0.3123

 4.7160, 0.6368,
0.2704

 49.7406, 0.4698,
0.3158

 2.0816, 0.7223,
0.2423

 67.8068, 0.4545,
0.3183

 0.6542, 0.8216,
0.1784

 89.7904, 0.4418,
0.3203

 0.0000, 1.0000,
0.0000

 116.0758, 0.4312,
0.3217

 0.0000, 0.0000,
0.0000

 147.0473, 0.4222,

0.3228

183.0893, 0.4144,
0.3238

■ 15.2021, 0.5426,
0.3001

■ 15.2021, 0.5426,
0.3001

■ 13.9385, 0.5799,
0.3054

■ 17.2703, 0.5014,
0.2984

■ 13.2858, 0.6090,
0.3128

■ 20.2469, 0.4610,
0.2997

■ 24.2226, 0.4242,
0.3032

■ 29.2766, 0.3926,
0.3080

■ 35.4800, 0.3662,
0.3133

■ 42.8979, 0.3446,
0.3188

■ 51.5904, 0.3270,
0.3240

■ 61.6136, 0.3129,
0.3289

■ 73.0203, 0.3014,
0.3335

Harmonies

Analogous

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



15.2021, 0.4268, 0.2297



15.2021, 0.5426, 0.3001



15.2021, 0.5662, 0.3779

Triad

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



15.2021, 0.5426, 0.3001



15.2021, 0.2887, 0.5810



15.2021, 0.1274, 0.1537

Complementary

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



15.2021, 0.5426, 0.3001



47.6367, 0.2437, 0.3803

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.



15.2021, 0.1084, 0.1950



15.2021, 0.5426, 0.3001



15.2021, 0.1851, 0.4621

Square

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



15.2021, 0.5426, 0.3001



15.2021, 0.4035, 0.5570



15.2021, 0.1240, 0.2960



15.2021, 0.1831, 0.1502

Rectangle

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



15.2021, 0.5426, 0.3001



15.2021, 0.5329, 0.4360



15.2021, 0.1240, 0.2960



15.2021, 0.1174, 0.1624

Sweetspot

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



15.2030, 0.5426, 0.3001



64.2135, 0.3531, 0.3165



14.6160, 0.2776, 0.1420



12.8322, 0.3610, 0.3145



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.



15.2030, 0.5426, 0.3001



21.7995, 0.6012, 0.3110



20.2204, 0.5431, 0.3745



11.2498, 0.3259, 0.3244



8.1909, 0.6057, 0.3110



0.4336, 0.5512, 0.2810

Inverse Universe

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



15.2030, 0.5426, 0.3001



21.7995, 0.6012, 0.3110



29.8118, 0.2091, 0.2544



11.2498, 0.3259, 0.3244



8.1909, 0.6057, 0.3110



0.4336, 0.5512, 0.2810

Previews

White Background



This preview shows how the Yxy color 15.2021, 0.5426, 0.3001 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 15.2021, 0.5426, 0.3001 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 15.2021, 0.5426, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 15.2021, 0.5426, 0.3001.



This preview shows how white text looks on a background with the Yxy color 15.2021, 0.5426, 0.3001.

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

15.2021, 0.5426, 0.3001

Protanopia

15.4073, 0.3272, 0.3435

Deuteranopia

15.4830, 0.4079, 0.4021



Tritanopia

15.2256, 0.5775, 0.3290

Trichromacy



Original Color

15.2021, 0.5426, 0.3001

Protanomaly

13.3164, 0.4056, 0.3152

Deuteranomaly

13.9378, 0.4663, 0.3496

Tritanomaly

15.1513, 0.5667, 0.3197

Monochromacy



Original Color

15.2021, 0.5426, 0.3001

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.8712, 0.4012, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2021, 0.5426, 0.3001 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(206, 41, 74)` looks like.

```
.text, #text, p{  
    color:rgb(206, 41, 74)  
}
```

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(206, 41, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 41, 74) }
```

Border

The CSS property to change the border of an element to Yxy 15.2021, 0.5426, 0.3001 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(206, 41, 74) }
```

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

```
.border{ border-color:rgb(206, 41, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 41, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 41, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 41, 74);  
box-shadow:4px 4px 4px 4px rgb(206, 41,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2021, 0.5426, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 41, 74) }
```

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

```
.background{ background-color: rgb(206, 41,  
74) }
```

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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