

Converting Colors

$Yxy(14.4205, 0.5381, 0.2896)$

Have a look what the booklet for
Yxy(14.4205, 0.5381, 0.2896)
contains.

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Color

Yxy(14.4205, 0.5381, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	CC204E
RGB	204, 32, 78
RGB Percent	80%, 13%, 31%
CMY	0.2000, 0.8745, 0.6941
CMYK	0.00, 0.84, 0.62, 0.20
HSL	344°, 73%, 46%
HSV	344°, 84%, 80%
XYZ	26.7944, 14.4205, 8.5796
YIQ	88.6720, 87.7460, 50.7700

Conversions

Conversions Part 2

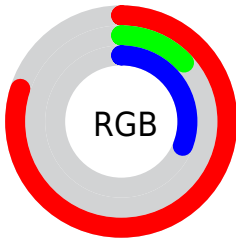
Format	Color
RYB	204, 32, 78
Decimal	13377614
CIELab	44.83, 65.65, 19.14
CIElCh	45, 68.381, 16.251
Yxy	14.4205, 0.5381, 0.2896
Android (android.graphics.Color)	4291567694 (0xFFCC204E)
YUV	88.6720, -5.2613, 101.1427
Hunter-Lab	37.9743, 59.4934, 13.1866

Details

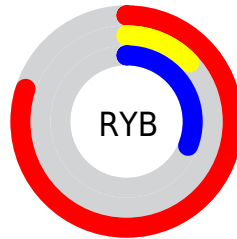
The Yxy color **14.4205, 0.5381, 0.2896** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **45.9634, 0.2487, 0.4030**, and the grayscale version is **9.9122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5277, 0.4730, 0.3016**, and **5.8721, 0.5891, 0.3019** is the 20% darker color. If you saturate the color by 10%, you get **13.4509, 0.5721, 0.2968**, and if you desaturate by 10%, it is **16.1198, 0.5003, 0.2867**.

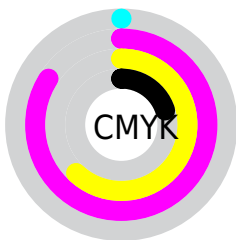
Distribution



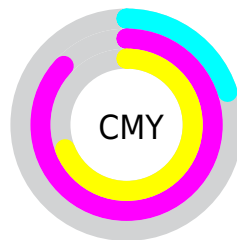
- Red (80%)
- Green (13%)
- Blue (31%)



- Red (80%)
- Yellow (13%)
- Blue (31%)



- Cyan (0%)
- Magenta (84%)
- Yellow (62%)
- Black (20%)





- Cyan (20%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4205, 0.5381, 0.2896 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 14.4205, 0.5381, 0.2896 by changing the saturation by 10% instead.


 14.4205, 0.5381,
0.2896


 14.4205, 0.5381,
0.2896


219.8313, 0.4047,
0.3191


 8.4137, 0.5785,
0.2773


 33.8333, 0.4843,
0.3035


 4.3608, 0.6340,
0.2577

 48.0081, 0.4657,
0.3077


 1.8774, 0.7189,
0.2268

 65.6744, 0.4506,
0.3109

 0.5347, 0.8423,
0.1577

 87.2165, 0.4382,
0.3133

 0.0000, 1.0000,
0.0000

 113.0188, 0.4278,
0.3152

 0.0000, 0.0000,
0.0000

 143.4658, 0.4189,

0.3167

178.9419, 0.4113,
0.3180

■ 14.4205, 0.5381,
0.2896

■ 14.4205, 0.5381,
0.2896

■ 13.4509, 0.5721,
0.2968

■ 16.1198, 0.5003,
0.2867

■ 13.1095, 0.5890,
0.3018

■ 18.6581, 0.4625,
0.2879

■ 22.1291, 0.4276,
0.2920

■ 26.6130, 0.3970,
0.2980

■ 32.1813, 0.3711,
0.3050

■ 38.8992, 0.3497,
0.3123

■ 46.8265, 0.3322,
0.3194

■ 56.0191, 0.3180,
0.3262

■ 66.5290, 0.3064,
0.3325

Harmonies

Analogous

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



14.4205, 0.4114, 0.2198



14.4205, 0.5381, 0.2896



14.4205, 0.5738, 0.3671

Triad

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



14.4205, 0.5381, 0.2896



14.4205, 0.3009, 0.5923



14.4205, 0.1202, 0.1532

Complementary

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



14.4205, 0.5381, 0.2896



45.9634, 0.2487, 0.4030

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.



14.4205, 0.1049, 0.2004



14.4205, 0.5381, 0.2896



14.4205, 0.1928, 0.4872

Square

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



14.4205, 0.5381, 0.2896



14.4205, 0.4175, 0.5514



14.4205, 0.1251, 0.3124



14.4205, 0.1713, 0.1459

Rectangle

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



14.4205, 0.5381, 0.2896



14.4205, 0.5448, 0.4248



14.4205, 0.1251, 0.3124



14.4205, 0.1114, 0.1635

Sweetspot

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



14.4214, 0.5381, 0.2896



63.1995, 0.3517, 0.3116



12.3886, 0.2614, 0.1296



12.6470, 0.3590, 0.3090



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.



14.4214, 0.5381, 0.2896



21.6797, 0.5921, 0.3035



17.2321, 0.5714, 0.3605



11.2621, 0.3249, 0.3228



8.2643, 0.5855, 0.2999



0.4393, 0.5282, 0.2684

Inverse Universe

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



14.4214, 0.5381, 0.2896



21.6797, 0.5921, 0.3035



32.2084, 0.2115, 0.2696



11.2621, 0.3249, 0.3228



8.2643, 0.5855, 0.2999



0.4393, 0.5282, 0.2684

Previews

White Background



This preview shows how the Yxy color 14.4205, 0.5381, 0.2896 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 14.4205, 0.5381, 0.2896 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 14.4205, 0.5381, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 14.4205, 0.5381, 0.2896.



This preview shows how white text looks on a background with the Yxy color 14.4205, 0.5381, 0.2896.

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

14.4205, 0.5381, 0.2896

Protanopia

14.8293, 0.3103, 0.3227

Deuteranopia

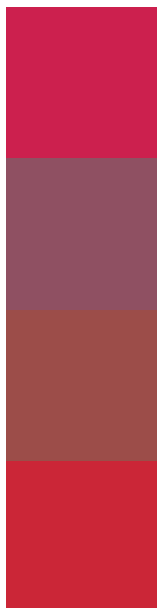
14.6121, 0.3992, 0.3912



Tritanopia

14.5196, 0.5877, 0.3298

Trichromacy



Original Color

14.4205, 0.5381, 0.2896

Protanomaly

12.4588, 0.3909, 0.2970

Deuteranomaly

12.8567, 0.4589, 0.3358

Tritanomaly

14.3586, 0.5731, 0.3164

Monochromacy



Original Color

14.4205, 0.5381, 0.2896

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

9.6154, 0.4028, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4205, 0.5381, 0.2896 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(204, 32, 78)` looks like.

```
.text, #text, p{  
    color:rgb(204, 32, 78)  
}
```

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(204, 32, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 32, 78) }
```

Border

The CSS property to change the border of an element to Yxy 14.4205, 0.5381, 0.2896 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(204, 32, 78) }
```

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

```
.border{ border-color:rgb(204, 32, 78) }
```

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

Here you see how a box with a 4 pixel rgb(204, 32, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 32, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 32, 78);  
box-shadow:4px 4px 4px 4px rgb(204, 32,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4205, 0.5381, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 32, 78) }
```

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

```
.background{ background-color: rgb(204, 32,  
78) }
```

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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