

Converting Colors

$Y_{xy}(14.8979, 0.5203, 0.2779)$

Have a look what the booklet for
Yxy(14.8979, 0.5203, 0.2779)
contains.

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Color

Yxy(14.9666, 0.5204, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	CF1F59
RGB	207, 31, 89
RGB Percent	81%, 12%, 35%
CMY	0.1882, 0.8784, 0.6510
CMYK	0.00, 0.85, 0.57, 0.19
HSL	340°, 74%, 47%
HSV	340°, 85%, 81%
XYZ	28.0267, 14.9666, 10.8628
YIQ	90.2360, 86.2780, 55.3500

Conversions

Conversions Part 2

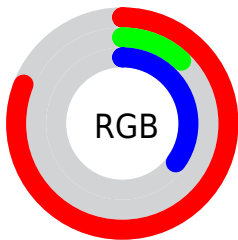
Format	Color
R_{YB}	207, 31, 89
Decimal	13573977
CIE _{Lab}	45.59, 67.33, 13.43
CIE _{LCh}	46, 68.657, 11.278
Yxy	14.9666, 0.5204, 0.2779
Android (android.graphics.Color)	4291764057 (0xFFCF1F59)
YUV	90.2360, -0.6093, 102.4020
Hunter-Lab	38.6867, 61.6132, 10.4327

Details

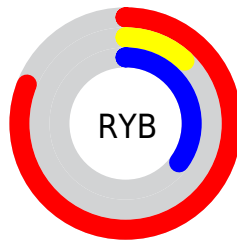
The Yxy color **14.9666, 0.5204, 0.2779** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **47.0902, 0.2540, 0.4226**, and the grayscale version is **10.2669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8594, 0.4568, 0.2895**, and **6.2016, 0.5703, 0.2915** is the 20% darker color. If you saturate the color by 10%, you get **13.9995, 0.5527, 0.2853**, and if you desaturate by 10%, it is **16.6724, 0.4855, 0.2754**.

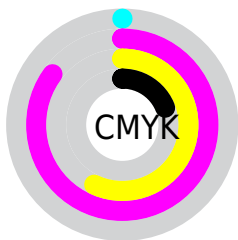
Distribution



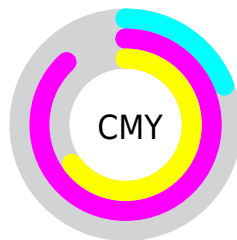
- Red (81%)
- Green (12%)
- Blue (35%)



- Red (81%)
- Yellow (12%)
- Blue (35%)



- Cyan (0%)
- Magenta (85%)
- Yellow (57%)
- Black (19%)




- Cyan (19%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9666, 0.5204, 0.2779 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 14.9666, 0.5204, 0.2779 by changing the saturation by 10% instead.


 14.9666, 0.5204,
0.2779


 14.9666, 0.5204,
0.2779


223.1640, 0.3980,
0.3120


 8.7959, 0.5578,
0.2654


 34.7946, 0.4710,
0.2930


 4.6083, 0.6096,
0.2464

 49.2207, 0.4539,
0.2978


 2.0193, 0.6840,
0.2156

 67.1674, 0.4401,
0.3015

 0.6187, 0.8353,
0.1647

 89.0191, 0.4287,
0.3045

 0.0000, 1.0000,
0.0000

 115.1603, 0.4192,
0.3069

 0.0000, 0.0000,
0.0000

 145.9752, 0.4110,

0.3089

181.8483, 0.4041,
0.3106

■ 14.9666, 0.5204,
0.2779

■ 14.9666, 0.5204,
0.2779

■ 13.9995, 0.5527,
0.2853

■ 16.6724, 0.4855,
0.2754

■ 13.6863, 0.5674,
0.2899

■ 19.2316, 0.4511,
0.2774

■ 22.7415, 0.4194,
0.2828

■ 27.2855, 0.3915,
0.2902

■ 32.9378, 0.3678,
0.2988

■ 39.7655, 0.3480,
0.3078

■ 47.8306, 0.3317,
0.3166

■ 57.1907, 0.3184,
0.3250

■ 67.8995, 0.3076,
0.3328

Harmonies

Analogous

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



14.9666, 0.3860, 0.2105



14.9666, 0.5204, 0.2779



14.9666, 0.5733, 0.3540

Triad

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



14.9666, 0.5204, 0.2779



14.9666, 0.3208, 0.5916



14.9666, 0.1164, 0.1588

Complementary

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



14.9666, 0.5204, 0.2779



47.0902, 0.2540, 0.4226

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.



14.9666, 0.1067, 0.2147



14.9666, 0.5204, 0.2779



14.9666, 0.2097, 0.5125

Square

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



14.9666, 0.5204, 0.2779



14.9666, 0.4359, 0.5359



14.9666, 0.1339, 0.3388



14.9666, 0.1608, 0.1459

Rectangle

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



14.9666, 0.5204, 0.2779



14.9666, 0.5538, 0.4100



14.9666, 0.1339, 0.3388



14.9666, 0.1095, 0.1716

Sweetspot

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



14.9675, 0.5204, 0.2779



62.2068, 0.3503, 0.3066



11.8126, 0.2506, 0.1232



12.4654, 0.3570, 0.3035



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.



14.9675, 0.5204, 0.2779



21.9006, 0.5704, 0.2916



16.6320, 0.5838, 0.3516



11.8716, 0.3239, 0.3214



8.6381, 0.5638, 0.2879



0.4975, 0.5115, 0.2592

Inverse Universe

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



14.9675, 0.5204, 0.2779



21.9006, 0.5704, 0.2916



36.5070, 0.2149, 0.2834



11.8716, 0.3239, 0.3214



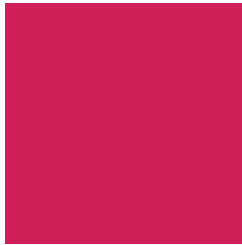
8.6381, 0.5638, 0.2879



0.4975, 0.5115, 0.2592

Previews

White Background



This preview shows how the Yxy color 14.9666, 0.5204, 0.2779 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 14.9666, 0.5204, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

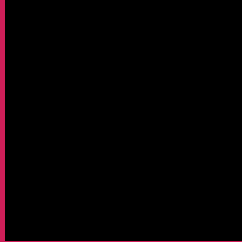
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9666, 0.5204, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 14.9666, 0.5204, 0.2779.



This preview shows how white text looks on a background with the Yxy color 14.9666, 0.5204, 0.2779.

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

14.9666, 0.5204, 0.2779

Protanopia

15.2700, 0.2895, 0.2946

Deuteranopia

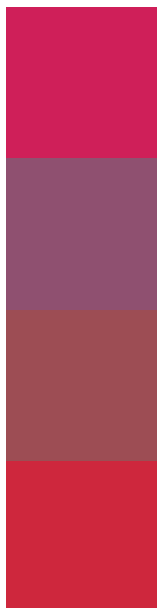
15.1618, 0.3820, 0.3739



Tritanopia

14.9700, 0.5836, 0.3291

Trichromacy



Original Color

14.9666, 0.5204, 0.2779

Protanomaly

12.7468, 0.3662, 0.2726

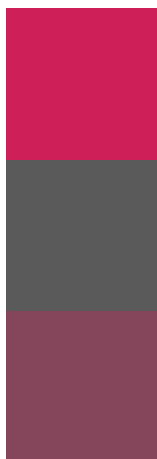
Deuteranomaly

13.1159, 0.4404, 0.3181

Tritanomaly

14.9098, 0.5653, 0.3119

Monochromacy



Original Color

14.9666, 0.5204, 0.2779

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

9.9810, 0.3955, 0.2892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9666, 0.5204, 0.2779 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(207, 31, 89)` looks like.

```
.text, #text, p{  
  color:rgb(207, 31, 89)  
}
```

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(207, 31, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 31, 89) }
```

Border

The CSS property to change the border of an element to Yxy 14.9666, 0.5204, 0.2779 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(207, 31, 89) }
```

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

```
.border{ border-color:rgb(207, 31, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 31, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 31, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 31, 89);  
box-shadow:4px 4px 4px 4px rgb(207, 31,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9666, 0.5204, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 31, 89) }
```

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

```
.background{ background-color: rgb(207, 31,  
89) }
```

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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