

Converting Colors

$Y_{xy}(15.1395, 0.5093, 0.2801)$

Have a look what the booklet for
Yxy(15.1395, 0.5093, 0.2801)
contains.

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Color

Yxy(15.1786, 0.5095, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	CC295B
RGB	204, 41, 91
RGB Percent	80%, 16%, 36%
CMY	0.2001, 0.8390, 0.6431
CMYK	0.00, 0.80, 0.55, 0.20
HSL	342°, 66%, 48%
HSV	342°, 80%, 80%
XYZ	27.5802, 15.1786, 11.3731
YIQ	95.4370, 81.0980, 50.1060

Conversions

Conversions Part 2

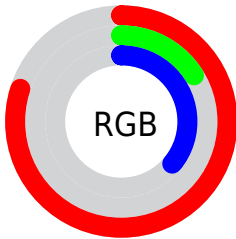
Format	Color
RYB	204, 41, 91
Decimal	13379931
CIELab	45.88, 64.31, 12.50
CIElCh	46, 65.510, 10.997
Yxy	15.1786, 0.5095, 0.2804
Android (android.graphics.Color)	4291570011 (0xFFCC295B)
YUV	95.4370, -2.1874, 95.2098
Hunter-Lab	38.9597, 58.1836, 9.9639

Details

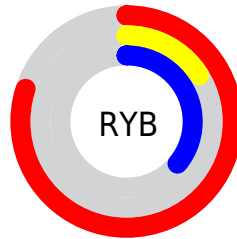
The Yxy color **15.1786, 0.5095, 0.2804** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **45.9854, 0.2524, 0.4095**, and the grayscale version is **11.5498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8836, 0.4518, 0.2919**, and **6.0369, 0.5633, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **13.8925, 0.5444, 0.2855**, and if you desaturate by 10%, it is **17.2430, 0.4733, 0.2800**.

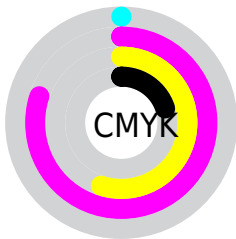
Distribution



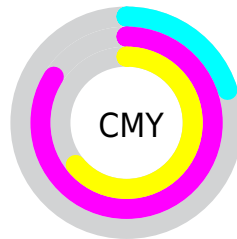
- Red (80%)
- Green (16%)
- Blue (36%)



- Red (80%)
- Yellow (16%)
- Blue (36%)



- Cyan (0%)
- Magenta (80%)
- Yellow (55%)
- Black (20%)




- Cyan (20%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1786, 0.5095, 0.2804 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 15.1786, 0.5095, 0.2804 by changing the saturation by 10% instead.


 15.1786, 0.5095,
0.2804


 15.1786, 0.5095,
0.2804


224.4447, 0.3935,
0.3126


 8.9448, 0.5451,
0.2687

 35.1662, 0.4626,
0.2946


 4.7052, 0.5947,
0.2508

 49.6888, 0.4464,
0.2991


 2.0754, 0.6669,
0.2218

 67.7431, 0.4334,
0.3026

 0.6507, 0.8234,
0.1766

 89.7136, 0.4226,
0.3054

 0.0000, 1.0000,
0.0000

 115.9846, 0.4135,
0.3077

 0.0000, 0.0000,
0.0000

 146.9405, 0.4059,

0.3096

182.9658, 0.3993,
0.3112

■ 15.1786, 0.5095,
0.2804

■ 15.1786, 0.5095,
0.2804

■ 13.8925, 0.5444,
0.2855

■ 17.2430, 0.4733,
0.2800

■ 13.1963, 0.5752,
0.2943


■ 20.1847, 0.4387,
0.2834


■ 13.1891, 0.5756,
0.2944


■ 24.0905, 0.4077,
0.2894


■ 29.0361, 0.3810,
0.2970

■ 35.0897, 0.3586,
0.3052

 42.3135, 0.3401,
0.3135

 50.7651, 0.3249,
0.3215

 60.4983, 0.3126,
0.3291

 71.5636, 0.3025,
0.3361

Harmonies

Analogous

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



15.1786, 0.3817, 0.2146



15.1786, 0.5095, 0.2804



15.1786, 0.5624, 0.3552

Triad

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



15.1786, 0.5095, 0.2804



15.1786, 0.3245, 0.5783



15.1786, 0.1226, 0.1656

Complementary

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



15.1786, 0.5095, 0.2804



45.9854, 0.2524, 0.4095

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.



15.1786, 0.1137, 0.2213



15.1786, 0.5095, 0.2804



15.1786, 0.2164, 0.5031

Square

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



15.1786, 0.5095, 0.2804



15.1786, 0.4352, 0.5287



15.1786, 0.1416, 0.3409



15.1786, 0.1659, 0.1521

Rectangle

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



15.1786, 0.5095, 0.2804



15.1786, 0.5459, 0.4098



15.1786, 0.1416, 0.3409



15.1786, 0.1160, 0.1785

Sweetspot

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



15.1795, 0.5095, 0.2804



64.5365, 0.3478, 0.3099



12.6606, 0.2584, 0.1324



12.9083, 0.3547, 0.3069



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.



15.1795, 0.5095, 0.2804



22.1413, 0.5673, 0.2921



17.4915, 0.5614, 0.3565



11.2694, 0.3243, 0.3219



8.3174, 0.5719, 0.2924



0.4427, 0.5153, 0.2613

Inverse Universe

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



15.1795, 0.5095, 0.2804



22.1413, 0.5673, 0.2921



35.1470, 0.2165, 0.2821



11.2694, 0.3243, 0.3219



8.3174, 0.5719, 0.2924



0.4427, 0.5153, 0.2613

Previews

White Background



This preview shows how the Yxy color 15.1786, 0.5095, 0.2804 looks on a white background.

Color Contrast Check

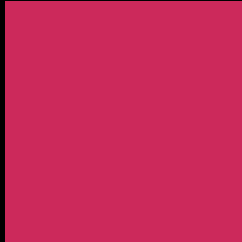
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1786, 0.5095, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

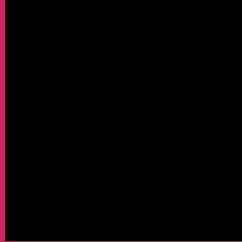
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1786, 0.5095, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 15.1786, 0.5095, 0.2804.



This preview shows how white text looks on a background with the Yxy color 15.1786, 0.5095, 0.2804.

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

15.1786, 0.5095, 0.2804

Protanopia

15.5183, 0.2920, 0.2987

Deuteranopia

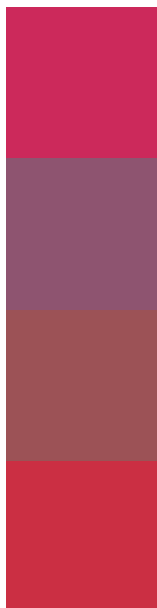
15.3948, 0.3785, 0.3719



Tritanopia

15.1813, 0.5657, 0.3280

Trichromacy



Original Color

15.1786, 0.5095, 0.2804

Protanomaly

13.2613, 0.3632, 0.2792

Deuteranomaly

13.7744, 0.4313, 0.3228

Tritanomaly

15.1348, 0.5483, 0.3113

Monochromacy



Original Color

15.1786, 0.5095, 0.2804

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

10.9912, 0.3878, 0.2934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1786, 0.5095, 0.2804 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, 41, 91)` looks like.

```
.text, #text, p{  
    color:rgb(204, 41, 91)  
}
```

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, 41, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 41, 91) }
```

Border

The CSS property to change the border of an element to Yxy 15.1786, 0.5095, 0.2804 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, 41, 91) }
```

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

```
.border{ border-color:rgb(204, 41, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 41, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 41, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 41, 91);  
box-shadow:4px 4px 4px 4px rgb(204, 41,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1786, 0.5095, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 41, 91) }
```

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

```
.background{ background-color: rgb(204, 41,  
91) }
```

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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