

Converting Colors

$Yxy(15.0568, 0.5495, 0.3081)$

Have a look what the booklet for
Yxy(15.0568, 0.5495, 0.3081)
contains.

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Color

$Y_{xy}(15.0561, 0.5494, 0.3081)$

Conversions

Conversions Part 1

Format	Color
Hex	CC2C44
RGB	204, 44, 68
RGB Percent	80%, 17%, 27%
CMY	0.2000, 0.8275, 0.7332
CMYK	0.00, 0.78, 0.67, 0.20
HSL	351°, 65%, 49%
HSV	351°, 78%, 80%
XYZ	26.8478, 15.0561, 6.9636
YIQ	94.5760, 87.6560, 41.3840

Conversions

Conversions Part 2

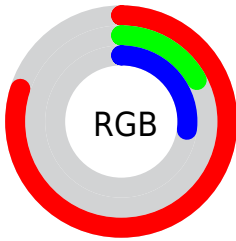
Format	Color
RYB	204, 44, 68
Decimal	13380676
CIELab	45.71, 62.07, 26.42
CIELCh	46, 67.458, 23.055
Yxy	15.0561, 0.5494, 0.3081
Android (android.graphics.Color)	4291570756 (0xFFCC2C44)
YUV	94.5760, -13.1020, 95.9648
Hunter-Lab	38.8022, 55.6031, 16.5211

Details

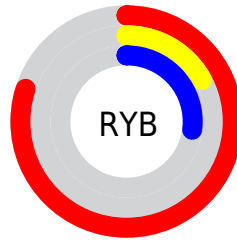
The Yxy color **15.0561, 0.5494, 0.3081** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **47.0185, 0.2402, 0.3659**, and the grayscale version is **11.3537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.6241, 0.4834, 0.3190**, and **5.8254, 0.6075, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **13.7112, 0.5879, 0.3123**, and if you desaturate by 10%, it is **17.2116, 0.5063, 0.3067**.

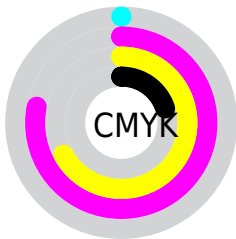
Distribution



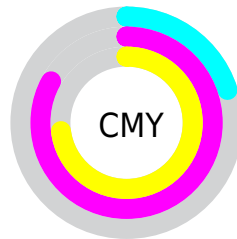
- Red (80%)
- Green (17%)
- Blue (27%)



- Red (80%)
- Yellow (17%)
- Blue (27%)



- Cyan (0%)
- Magenta (78%)
- Yellow (67%)
- Black (20%)





- Cyan (20%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0561, 0.5494, 0.3081 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 15.0561, 0.5494, 0.3081 by changing the saturation by 10% instead.


 15.0561, 0.5494,
0.3081


 15.0561, 0.5494,
0.3081


223.7055, 0.4106,
0.3291


 8.8588, 0.5901,
0.2971


 34.9516, 0.4941,
0.3194


 4.6492, 0.6446,
0.2786

 49.4185, 0.4747,
0.3224

 2.0429, 0.7407,
0.2535

 67.4107, 0.4589,
0.3245

 0.6322, 0.8193,
0.1807

 89.3127, 0.4459,
0.3261

 0.0000, 1.0000,
0.0000

 115.5087, 0.4349,
0.3272

 0.0000, 0.0000,
0.0000

 146.3833, 0.4256,

0.3280

182.3208, 0.4176,
0.3286

■ 15.0561, 0.5494,
0.3081

■ 15.0561, 0.5494,
0.3081

■ 13.7112, 0.5879,
0.3123

■ 17.2116, 0.5063,
0.3067

■ 13.0194, 0.6168,
0.3184

■ 20.2767, 0.4639,
0.3077

■ 12.9352, 0.6205,
0.3192

■ 24.3388, 0.4255,
0.3103

■ 29.4745, 0.3926,
0.3139

■ 35.7528, 0.3653,
0.3180

■ 43.2369, 0.3431,
0.3220

■ 51.9854, 0.3251,
0.3259

■ 62.0531, 0.3107,
0.3296

■ 73.4915, 0.2990,
0.3329

Harmonies

Analogous

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



15.0561, 0.4414, 0.2368



15.0561, 0.5494, 0.3081



15.0561, 0.5627, 0.3868

Triad

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



15.0561, 0.5494, 0.3081



15.0561, 0.2769, 0.5747



15.0561, 0.1317, 0.1521

Complementary

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



15.0561, 0.5494, 0.3081



47.0185, 0.2402, 0.3659

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.



15.0561, 0.1091, 0.1886



15.0561, 0.5494, 0.3081



15.0561, 0.1766, 0.4434

Square

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



15.0561, 0.5494, 0.3081



15.0561, 0.3916, 0.5639



15.0561, 0.1208, 0.2820



15.0561, 0.1918, 0.1519

Rectangle

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



15.0561, 0.5494, 0.3081



15.0561, 0.5247, 0.4457



15.0561, 0.1208, 0.2820



15.0561, 0.1204, 0.1595

Sweetspot

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



15.0570, 0.5494, 0.3081



64.0659, 0.3556, 0.3196



15.5479, 0.2883, 0.1493



12.7977, 0.3640, 0.3182



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.



15.0570, 0.5494, 0.3081



21.8518, 0.6086, 0.3165



21.6312, 0.5270, 0.3843



11.2407, 0.3267, 0.3255



8.1497, 0.6179, 0.3177



0.4294, 0.5703, 0.2915

Inverse Universe

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



15.0570, 0.5494, 0.3081



21.8518, 0.6086, 0.3165



26.9224, 0.2068, 0.2426



11.2407, 0.3267, 0.3255



8.1497, 0.6179, 0.3177



0.4294, 0.5703, 0.2915

Previews

White Background



This preview shows how the Yxy color 15.0561, 0.5494, 0.3081 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 15.0561, 0.5494, 0.3081 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 15.0561, 0.5494, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 15.0561, 0.5494, 0.3081.



This preview shows how white text looks on a background with the Yxy color 15.0561, 0.5494, 0.3081.

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

15.0561, 0.5494, 0.3081

Protanopia

15.3724, 0.3420, 0.3622

Deuteranopia

15.2134, 0.4167, 0.4106



Tritanopia

15.0322, 0.5742, 0.3290

Trichromacy



Original Color

15.0561, 0.5494, 0.3081

Protanomaly

13.3401, 0.4190, 0.3311

Deuteranomaly

13.7644, 0.4746, 0.3587

Tritanomaly

15.0151, 0.5653, 0.3220

Monochromacy



Original Color

15.0561, 0.5494, 0.3081

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

10.9757, 0.4044, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0561, 0.5494, 0.3081 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, 44, 68)` looks like.

```
.text, #text, p{  
    color:rgb(204, 44, 68)  
}
```

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, 44, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 44, 68) }
```

Border

The CSS property to change the border of an element to Yxy 15.0561, 0.5494, 0.3081 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, 44, 68) }
```

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

```
.border{ border-color:rgb(204, 44, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 44, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 44, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 44, 68);  
box-shadow:4px 4px 4px 4px rgb(204, 44,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0561, 0.5494, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 44, 68) }
```

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

```
.background{ background-color: rgb(204, 44,  
68) }
```

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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