

Converting Colors

$Yxy(14.8918, 0.5093, 0.3016)$

Have a look what the booklet for
Yxy(14.8918, 0.5093, 0.3016)
contains.

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Color

Yxy(14.8918, 0.5093, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	C23851
RGB	194, 56, 81
RGB Percent	76%, 22%, 32%
CMY	0.2392, 0.7803, 0.6823
CMYK	0.00, 0.71, 0.58, 0.24
HSL	349°, 55%, 49%
HSV	349°, 71%, 76%
XYZ	25.1472, 14.8918, 9.3370
YIQ	100.1120, 74.2230, 37.0310

Conversions

Conversions Part 2

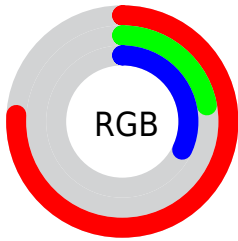
Format	Color
R_{YB}	194, 56, 81
Decimal	12728401
CIE Lab	45.49, 55.96, 17.81
CIE LCh	45, 58.729, 17.658
Yxy	14.8918, 0.5093, 0.3016
Android (android.graphics.Color)	4290918481 (0xFFC23851)
YUV	100.1120, -9.4222, 82.3398
Hunter-Lab	38.5899, 48.7876, 12.6674

Details

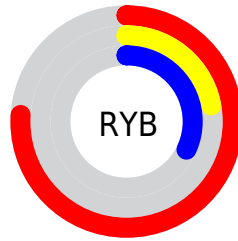
The Yxy color **14.8918, 0.5093, 0.3016** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **42.2867, 0.2451, 0.3690**, and the grayscale version is **12.7863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4600, 0.4617, 0.3116**, and **5.2019, 0.5780, 0.2958** is the 20% darker color. If you saturate the color by 10%, you get **13.1511, 0.5508, 0.3037**, and if you desaturate by 10%, it is **17.4182, 0.4679, 0.3025**.

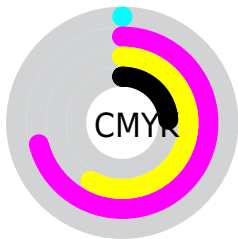
Distribution



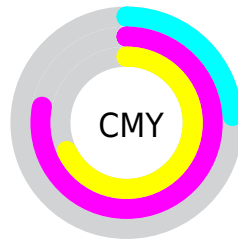
- Red (76%)
- Green (22%)
- Blue (32%)



- Red (76%)
- Yellow (22%)
- Blue (32%)



- Cyan (0%)
- Magenta (71%)
- Yellow (58%)
- Black (24%)




- Cyan (24%)
- Magenta (78%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.8918, 0.5093, 0.3016 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 14.8918, 0.5093, 0.3016 by changing the saturation by 10% instead.


 14.8918, 0.5093,
0.3016


 14.8918, 0.5093,
0.3016


222.7104, 0.3927,
0.3229


 8.7435, 0.5453,
0.2922


 34.6633, 0.4620,
0.3119

 4.5742, 0.5955,
0.2768

 49.0552, 0.4457,
0.3149


 1.9997, 0.6714,
0.2507

 66.9638, 0.4326,
0.3172

 0.6073, 0.8042,
0.1958

 88.7734, 0.4218,
0.3189

 0.0000, 1.0000,
0.0000

 114.8685, 0.4127,
0.3202

 0.0000, 0.0000,
0.0000

145.6334, 0.4051,

0.3213

181.4526, 0.3985,
0.3221

■ 14.8918, 0.5093,
0.3016

■ 14.8918, 0.5093,
0.3016

■ 13.1511, 0.5508,
0.3037

■ 17.4182, 0.4679,
0.3025

■ 12.1001, 0.5875,
0.3089

■ 20.8067, 0.4299,
0.3054

■ 11.5910, 0.6129,
0.3150

■ 25.1273, 0.3971,
0.3096

■ 30.4422, 0.3696,
0.3144

■ 36.8081, 0.3472,
0.3193

■ 44.2775, 0.3289,
0.3240

■ 52.8994, 0.3142,
0.3285

■ 62.7197, 0.3023,
0.3327

■ 73.7821, 0.2926,
0.3364

Harmonies

Analogous

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



14.8918, 0.4041, 0.2362



14.8918, 0.5093, 0.3016



14.8918, 0.5410, 0.3750

Triad

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



14.8918, 0.5093, 0.3016



14.8918, 0.3047, 0.5483



14.8918, 0.1415, 0.1722

Complementary

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



14.8918, 0.5093, 0.3016



42.2867, 0.2451, 0.3690

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.



14.8918, 0.1263, 0.2158



14.8918, 0.5093, 0.3016



14.8918, 0.2075, 0.4539

Square

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



14.8918, 0.5093, 0.3016



14.8918, 0.4090, 0.5302



14.8918, 0.1457, 0.3123



14.8918, 0.1913, 0.1656

Rectangle

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



14.8918, 0.5093, 0.3016



14.8918, 0.5182, 0.4278



14.8918, 0.1457, 0.3123



14.8918, 0.1328, 0.1819

Sweetspot

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



14.8927, 0.5093, 0.3016



66.4327, 0.3476, 0.3192



15.1261, 0.2887, 0.1591



13.7955, 0.3535, 0.3178



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.



14.8927, 0.5093, 0.3016



22.6897, 0.5709, 0.3060



20.8127, 0.5034, 0.3811



10.1070, 0.3261, 0.3249



7.6300, 0.6101, 0.3135



0.3390, 0.5510, 0.2809

Inverse Universe

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



14.8927, 0.5093, 0.3016



22.6897, 0.5709, 0.3060



26.6448, 0.2147, 0.2563



10.1070, 0.3261, 0.3249



7.6300, 0.6101, 0.3135



0.3390, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 14.8918, 0.5093, 0.3016 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 14.8918, 0.5093, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

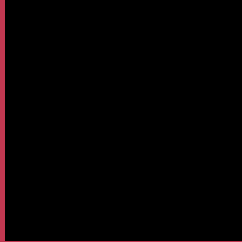
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8918, 0.5093, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 14.8918, 0.5093, 0.3016.



This preview shows how white text looks on a background with the Yxy color 14.8918, 0.5093, 0.3016.

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

14.8918, 0.5093, 0.3016

Protanopia

15.1246, 0.3207, 0.3353

Deuteranopia

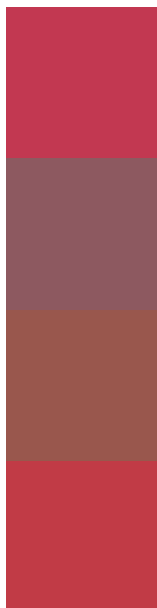
15.1409, 0.3934, 0.3870



Tritanopia

14.9281, 0.5359, 0.3265

Trichromacy



Original Color

14.8918, 0.5093, 0.3016

Protanomaly

13.6520, 0.3863, 0.3164

Deuteranomaly

14.1245, 0.4382, 0.3461

Tritanomaly

14.9076, 0.5254, 0.3176

Monochromacy



Original Color

14.8918, 0.5093, 0.3016

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.1993, 0.3831, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8918, 0.5093, 0.3016 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(194, 56, 81)` looks like.

```
.text, #text, p{  
    color:rgb(194, 56, 81)  
}
```

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(194, 56, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 56, 81) }
```

Border

The CSS property to change the border of an element to Yxy 14.8918, 0.5093, 0.3016 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(194, 56, 81) }
```

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

```
.border{ border-color:rgb(194, 56, 81) }
```

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

Here you see how a box with a 4 pixel rgb(194, 56, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 56, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 56, 81);  
box-shadow:4px 4px 4px 4px rgb(194, 56,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8918, 0.5093, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 56, 81) }
```

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

```
.background{ background-color: rgb(194, 56,  
81) }
```

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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