

Converting Colors

$Yxy(15.9304, 0.5611, 0.3119)$

Have a look what the booklet for
Yxy(15.9304, 0.5611, 0.3119)
contains.

Yxy(15.9468, 0.5616, 0.3126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.9468, 0.5616, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	D32B40
RGB	211, 43, 64
RGB Percent	83%, 17%, 25%
CMY	0.1726, 0.8312, 0.7490
CMYK	0.00, 0.80, 0.70, 0.17
HSL	353°, 66%, 50%
HSV	353°, 80%, 83%
XYZ	28.6491, 15.9468, 6.4175
YIQ	95.6260, 93.3870, 42.1470

Conversions

Conversions Part 2

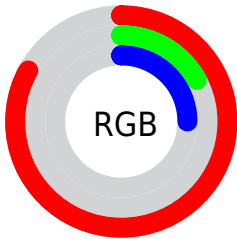
Format	Color
RYB	211, 43, 64
Decimal	13839168
CIELab	46.90, 64.10, 30.62
CIELCh	47, 71.042, 25.534
Yxy	15.9468, 0.5616, 0.3126
Android (android.graphics.Color)	4292029248 (0xFFD32B40)
YUV	95.6260, -15.5916, 101.1830
Hunter-Lab	39.9334, 58.1764, 18.4252

Details

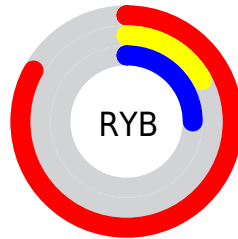
The Yxy color **15.9468, 0.5616, 0.3126** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **50.8132, 0.2379, 0.3599**, and the grayscale version is **11.6295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.5330, 0.4884, 0.3229**, and **6.3538, 0.6165, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **14.6117, 0.5988, 0.3167**, and if you desaturate by 10%, it is **18.1462, 0.5181, 0.3109**.

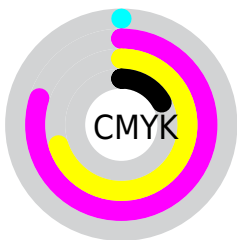
Distribution



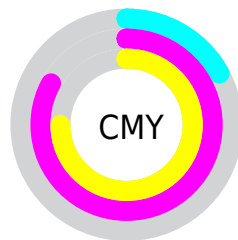
- Red (83%)
- Green (17%)
- Blue (25%)



- Red (83%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (70%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9468, 0.5616, 0.3126 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 15.9468, 0.5616, 0.3126 by changing the saturation by 10% instead.


 15.9468, 0.5616,
0.3126


 15.9468, 0.5616,
0.3126


229.0276, 0.4175,
0.3325


 9.4865, 0.6024,
0.3014


 36.5058, 0.5050,
0.3239


 5.0599, 0.6556,
0.2825

 51.3734, 0.4849,
0.3268

 2.2824, 0.7442,
0.2558

 69.8121, 0.4685,
0.3288

 0.7644, 0.8111,
0.1889

 92.2064, 0.4548,
0.3301

 0.0000, 1.0000,
0.0000

 118.9407, 0.4433,
0.3311

 0.0000, 0.0000,
0.0000

 150.3994, 0.4334,

0.3317

186.9669, 0.4249,
0.3322

■ 15.9468, 0.5616,
0.3126

■ 15.9468, 0.5616,
0.3126

■ 14.6117, 0.5988,
0.3167

■ 18.1462, 0.5181,
0.3109

■ 13.9441, 0.6249,
0.3219

■ 21.3206, 0.4741,
0.3113

■ 13.9220, 0.6257,
0.3221

■ 25.5673, 0.4338,
0.3133

■ 30.9711, 0.3989,
0.3161

■ 37.6083, 0.3700,
0.3194

■ 45.5485, 0.3464,
0.3228

■ 54.8563, 0.3274,
0.3261

■ 65.5919, 0.3122,
0.3291

■ 77.8119, 0.2998,
0.3319

Harmonies

Analogous

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



15.9468, 0.4572, 0.2398



15.9468, 0.5616, 0.3126



15.9468, 0.5654, 0.3929

Triad

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



15.9468, 0.5616, 0.3126



15.9468, 0.2648, 0.5783



15.9468, 0.1312, 0.1468

Complementary

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



15.9468, 0.5616, 0.3126



50.8132, 0.2379, 0.3599

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.



15.9468, 0.1055, 0.1797



15.9468, 0.5616, 0.3126



15.9468, 0.1656, 0.4322

Square

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



15.9468, 0.5616, 0.3126



15.9468, 0.3817, 0.5754



15.9468, 0.1138, 0.2689



15.9468, 0.1957, 0.1493

Rectangle

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



15.9468, 0.5616, 0.3126



15.9468, 0.5219, 0.4540



15.9468, 0.1138, 0.2689



15.9468, 0.1188, 0.1532

Sweetspot

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



15.9478, 0.5616, 0.3126



63.9920, 0.3568, 0.3212



17.2003, 0.2942, 0.1510



12.7804, 0.3656, 0.3200



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.



15.9478, 0.5616, 0.3126



21.6396, 0.6191, 0.3209



24.0481, 0.5246, 0.3905



11.8319, 0.3271, 0.3261



8.4119, 0.6232, 0.3207



0.4785, 0.5832, 0.2987

Inverse Universe

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



15.9478, 0.5616, 0.3126



21.6396, 0.6191, 0.3209



26.8410, 0.2032, 0.2315



11.8319, 0.3271, 0.3261



8.4119, 0.6232, 0.3207



0.4785, 0.5832, 0.2987

Previews

White Background



This preview shows how the Yxy color 15.9468, 0.5616, 0.3126 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 15.9468, 0.5616, 0.3126 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 15.9468, 0.5616, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 15.9468, 0.5616, 0.3126.

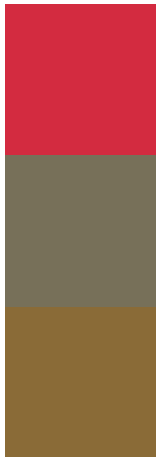


This preview shows how white text looks on a background with the Yxy color 15.9468, 0.5616, 0.3126.

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

15.9468, 0.5616, 0.3126

Protanopia

16.2315, 0.3518, 0.3756

Deuteranopia

16.1945, 0.4267, 0.4207



Tritanopia

15.8609, 0.5823, 0.3291

Trichromacy



Original Color

15.9468, 0.5616, 0.3126

Protanomaly

14.0710, 0.4317, 0.3412

Deuteranomaly

14.6455, 0.4875, 0.3670

Tritanomaly

15.8355, 0.5754, 0.3236

Monochromacy



Original Color

15.9468, 0.5616, 0.3126

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.3511, 0.4106, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9468, 0.5616, 0.3126 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(211, 43, 64)` looks like.

```
.text, #text, p{  
    color:rgb(211, 43, 64)  
}
```

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(211, 43, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 43, 64) }
```

Border

The CSS property to change the border of an element to Yxy 15.9468, 0.5616, 0.3126 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(211, 43, 64) }
```

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

```
.border{ border-color:rgb(211, 43, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 43, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 43, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 43, 64);  
box-shadow:4px 4px 4px 4px rgb(211, 43,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9468, 0.5616, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 43, 64) }
```

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

```
.background{ background-color: rgb(211, 43,  
64) }
```

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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