

Converting Colors

$Y_{xy}(15.6495, 0.5266, 0.3097)$

Have a look what the booklet for
Yxy(15.6495, 0.5266, 0.3097)
contains.

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Color

Yxy(15.6157, 0.5259, 0.3099)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | C8384B |
| RGB | 200, 56, 75 |
| RGB Percent | 78%, 22%, 29% |
| CMY | 0.2158, 0.7802, 0.7059 |
| CMYK | 0.00, 0.72, 0.62, 0.22 |
| HSL | 352°, 57%, 50% |
| HSV | 352°, 72%, 78% |
| XYZ | 26.4998, 15.6157, 8.2740 |
| YIQ | 101.2220, 79.7250, 36.4370 |

Conversions

Conversions Part 2

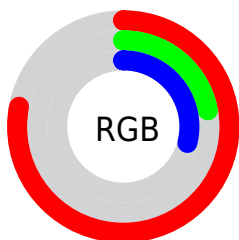
| Format | Color |
|-------------------------------------|---|
| RYB | 200, 56, 75 |
| Decimal | 13121611 |
| CIELab | 46.47, 57.39, 22.99 |
| CIELCh | 46, 61.823, 21.829 |
| Yxy | 15.6157, 0.5259, 0.3099 |
| Android (android.graphics.Color) | 4291311691 (0xFFC8384B) |
| YUV | 101.2220, -12.9274, 86.6283 |
| Hunter-Lab | 39.5167, 50.5475, 15.2476 |

Details

The Yxy color **15.6157, 0.5259, 0.3099** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45.4783, 0.2412, 0.3581**, and the grayscale version is **13.0969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5255, 0.4686, 0.3186**, and **5.5933, 0.5937, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **13.8426, 0.5683, 0.3122**, and if you desaturate by 10%, it is **18.2295, 0.4820, 0.3100**.

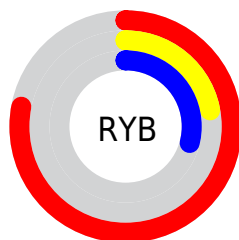
Distribution



Red (78%)

Green (22%)

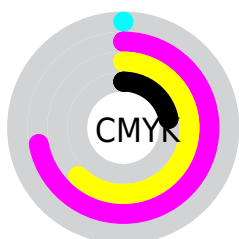
Blue (29%)



Red (78%)

Yellow (22%)

Blue (29%)

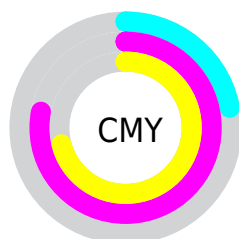


Cyan (0%)

Magenta (72%)

Yellow (62%)

Black (22%)



Cyan (22%)


Magenta (78%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6157, 0.5259, 0.3099 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 15.6157, 0.5259, 0.3099 by changing the saturation by 10% instead.


 15.6157, 0.5259,
0.3099


 15.6157, 0.5259,
0.3099


227.0632, 0.4007,
0.3279

 9.2526, 0.5634,
0.3007


 35.9297, 0.4757,
0.3194


 4.9063, 0.6145,
0.2853


 50.6495, 0.4582,
0.3220

 2.1924, 0.6945,
0.2606

 68.9236, 0.4441,
0.3238

 0.7158, 0.7958,
0.2042

 91.1365, 0.4323,
0.3252

 0.0000, 1.0000,
0.0000


 117.6725, 0.4225,
0.3262


 0.0000, 0.0000,
0.0000


148.9160, 0.4142,

0.3269


185.2515, 0.4070,
0.3275


 15.6157, 0.5259,
0.3099

 15.6157, 0.5259,
0.3099


 13.8426, 0.5683,
0.3122


 18.2295, 0.4820,
0.3100

 12.8035, 0.6035,
0.3168

 21.7683, 0.4411,
0.3118

 12.3528, 0.6239,
0.3211


 26.3093, 0.4055,
0.3147

 31.9207, 0.3756,
0.3181

 38.6649, 0.3511,
0.3216

 46.5992, 0.3314,
0.3251

 55.7774, 0.3155,
0.3284

 66.2497, 0.3026,
0.3314

 78.0636, 0.2923,
0.3342

Harmonies

Analogous

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



15.6157, 0.4249, 0.2419



15.6157, 0.5259, 0.3099



15.6157, 0.5453, 0.3853

Triad

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



15.6157, 0.5259, 0.3099



15.6157, 0.2881, 0.5508



15.6157, 0.1420, 0.1650

Complementary

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



15.6157, 0.5259, 0.3099



45.4783, 0.2412, 0.3581

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.



15.6157, 0.1218, 0.2029



15.6157, 0.5259, 0.3099



15.6157, 0.1922, 0.4382

Square

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



15.6157, 0.5259, 0.3099



15.6157, 0.3956, 0.5440



15.6157, 0.1358, 0.2934



15.6157, 0.1980, 0.1629

Rectangle

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



15.6157, 0.5259, 0.3099



15.6157, 0.5148, 0.4402



15.6157, 0.1358, 0.2934



15.6157, 0.1316, 0.1730

Sweetspot

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



15.6166, 0.5259, 0.3099



66.5312, 0.3519, 0.3215



16.7993, 0.2969, 0.1617



13.5138, 0.3582, 0.3205



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.



15.6166, 0.5259, 0.3099



22.8806, 0.5881, 0.3144



23.4607, 0.4985, 0.3901



10.6593, 0.3269, 0.3260



7.8637, 0.6215, 0.3197



0.3800, 0.5749, 0.2941

Inverse Universe

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



15.6166, 0.5259, 0.3099



22.8806, 0.5881, 0.3144



25.9411, 0.2106, 0.2426



10.6593, 0.3269, 0.3260



7.8637, 0.6215, 0.3197



0.3800, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 15.6157, 0.5259, 0.3099 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 15.6157, 0.5259, 0.3099 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 15.6157, 0.5259, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 15.6157, 0.5259, 0.3099.

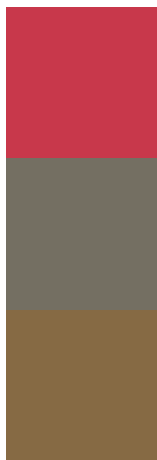


This preview shows how white text looks on a background with the Yxy color 15.6157, 0.5259, 0.3099.

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

15.6157, 0.5259, 0.3099

Protanopia

15.9637, 0.3361, 0.3556

Deuteranopia

15.7938, 0.4058, 0.3999



Tritanopia

15.6070, 0.5451, 0.3277

Trichromacy



Original Color

15.6157, 0.5259, 0.3099

Protanomaly

14.4234, 0.4044, 0.3310

Deuteranomaly

14.7035, 0.4541, 0.3565

Tritanomaly

15.5616, 0.5383, 0.3215

Monochromacy



Original Color

15.6157, 0.5259, 0.3099

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.5881, 0.3891, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6157, 0.5259, 0.3099 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(200, 56, 75)` looks like.

```
.text, #text, p{  
    color:rgb(200, 56, 75)  
}
```

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(200, 56, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 56, 75) }
```

Border

The CSS property to change the border of an element to Yxy 15.6157, 0.5259, 0.3099 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(200, 56, 75) }
```

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

```
.border{ border-color:rgb(200, 56, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 56, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 56, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 56, 75);  
box-shadow:4px 4px 4px 4px rgb(200, 56,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6157, 0.5259, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 56, 75) }
```

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

```
.background{ background-color: rgb(200, 56,  
75) }
```

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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