

Converting Colors

$Y_{xy}(14.9108, 0.5300, 0.3041)$

Have a look what the booklet for
Yxy(14.9108, 0.5300, 0.3041)
contains.

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Color

Yxy(14.8467, 0.5298, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	C7314B
RGB	199, 49, 75
RGB Percent	78%, 19%, 29%
CMY	0.2197, 0.8077, 0.7059
CMYK	0.00, 0.75, 0.62, 0.22
HSL	350°, 60%, 49%
HSV	350°, 75%, 78%
XYZ	25.9169, 14.8467, 8.1547
YIQ	96.8140, 81.0540, 39.8860

Conversions

Conversions Part 2

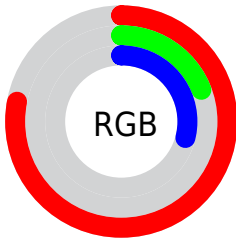
Format	Color
R _{YB}	199, 49, 75
Decimal	13054283
CIE Lab	45.42, 59.47, 21.60
CIE LCh	45, 63.273, 19.960
Yxy	14.8467, 0.5298, 0.3035
Android (android.graphics.Color)	4291244363 (0xFFC7314B)
YUV	96.8140, -10.7543, 89.6171
Hunter-Lab	38.5314, 52.6323, 14.4240

Details

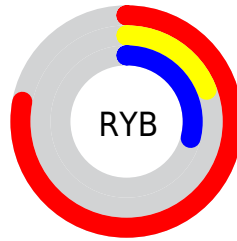
The Yxy color **14.8467, 0.5298, 0.3035** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **44.5092, 0.2429, 0.3698**, and the grayscale version is **11.9230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4404, 0.4715, 0.3138**, and **5.5076, 0.5931, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **13.3361, 0.5701, 0.3069**, and if you desaturate by 10%, it is **17.1517, 0.4874, 0.3031**.

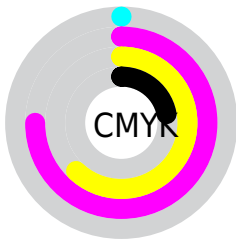
Distribution



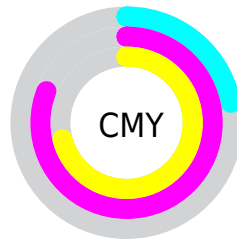
- Red (78%)
- Green (19%)
- Blue (29%)



- Red (78%)
- Yellow (19%)
- Blue (29%)



- Cyan (0%)
- Magenta (75%)
- Yellow (62%)
- Black (22%)




- Cyan (22%)
- Magenta (81%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8467, 0.5298, 0.3035 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 14.8467, 0.5298, 0.3035 by changing the saturation by 10% instead.


 14.8467, 0.5298,
0.3035


 14.8467, 0.5298,
0.3035


222.4365, 0.4015,
0.3252


 8.7119, 0.5686,
0.2932


 34.5840, 0.4781,
0.3145


 4.5537, 0.6218,
0.2761

 48.9553, 0.4602,
0.3176


 1.9879, 0.7067,
0.2495

 66.8408, 0.4457,
0.3198

 0.6004, 0.8159,
0.1841

 88.6251, 0.4337,
0.3215

 0.0000, 1.0000,
0.0000

 114.6923, 0.4237,
0.3228

 0.0000, 0.0000,
0.0000

 145.4271, 0.4152,

0.3238

181.2136, 0.4079,
0.3246

■ 14.8467, 0.5298,
0.3035

■ 14.8467, 0.5298,
0.3035

■ 13.3361, 0.5701,
0.3069

■ 17.1517, 0.4874,
0.3031

■ 12.5077, 0.6029,
0.3133


■ 20.3384, 0.4472,
0.3051


■ 12.2570, 0.6152,
0.3163

■ 24.4855, 0.4116,
0.3087


■ 29.6621, 0.3815,
0.3131

■ 35.9310, 0.3566,
0.3177

 43.3501, 0.3364,
0.3224

 51.9730, 0.3201,
0.3268

 61.8500, 0.3069,
0.3309

 73.0285, 0.2963,
0.3346

Harmonies

Analogous

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



14.8467, 0.4209, 0.2349



14.8467, 0.5298, 0.3035



14.8467, 0.5543, 0.3797

Triad

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



14.8467, 0.5298, 0.3035



14.8467, 0.2925, 0.5642



14.8467, 0.1349, 0.1613

Complementary

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



14.8467, 0.5298, 0.3035



44.5092, 0.2429, 0.3698

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.



14.8467, 0.1164, 0.2022



14.8467, 0.5298, 0.3035



14.8467, 0.1925, 0.4529

Square

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



14.8467, 0.5298, 0.3035



14.8467, 0.4028, 0.5470



14.8467, 0.1325, 0.2991



14.8467, 0.1894, 0.1575

Rectangle

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



14.8467, 0.5298, 0.3035



14.8467, 0.5243, 0.4356



14.8467, 0.1325, 0.2991



14.8467, 0.1251, 0.1701

Sweetspot

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



14.8476, 0.5298, 0.3035



65.3784, 0.3522, 0.3187



15.0362, 0.2866, 0.1522



13.0516, 0.3604, 0.3170



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.



14.8476, 0.5298, 0.3035



22.3609, 0.5909, 0.3105



20.8232, 0.5190, 0.3814



10.6664, 0.3263, 0.3250



7.8927, 0.6124, 0.3147



0.3832, 0.5579, 0.2847

Inverse Universe

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



14.8476, 0.5298, 0.3035



22.3609, 0.5909, 0.3105



27.0711, 0.2107, 0.2510



10.6664, 0.3263, 0.3250



7.8927, 0.6124, 0.3147



0.3832, 0.5579, 0.2847

Previews

White Background



This preview shows how the Yxy color 14.8467, 0.5298, 0.3035 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 14.8467, 0.5298, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

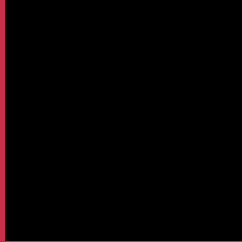
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8467, 0.5298, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 14.8467, 0.5298, 0.3035.



This preview shows how white text looks on a background with the Yxy color 14.8467, 0.5298, 0.3035.

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

14.8467, 0.5298, 0.3035

Protanopia

15.0900, 0.3286, 0.3457

Deuteranopia

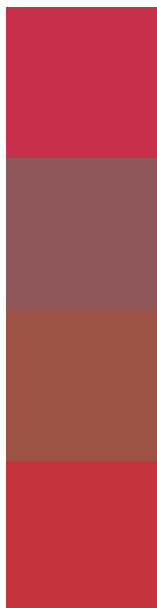
14.9310, 0.4055, 0.3977



Tritanopia

14.8278, 0.5584, 0.3279

Trichromacy



Original Color

14.8467, 0.5298, 0.3035

Protanomaly

13.5010, 0.4007, 0.3221

Deuteranomaly

13.6966, 0.4580, 0.3503

Tritanomaly

14.8096, 0.5486, 0.3200

Monochromacy



Original Color

14.8467, 0.5298, 0.3035

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

11.5269, 0.3926, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8467, 0.5298, 0.3035 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(199, 49, 75)` looks like.

```
.text, #text, p{  
    color:rgb(199, 49, 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(199, 49, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 49, 75) }
```

Border

The CSS property to change the border of an element to Yxy 14.8467, 0.5298, 0.3035 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(199, 49, 75) }
```

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

```
.border{ border-color:rgb(199, 49, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 49, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 49, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 49, 75);  
box-shadow:4px 4px 4px 4px rgb(199, 49,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8467, 0.5298, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 49, 75) }
```

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

```
.background{ background-color: rgb(199, 49,  
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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