

Converting Colors

$Y_{xy}(15.2781, 0.5381, 0.3225)$

Have a look what the booklet for
Yxy(15.2781, 0.5381, 0.3225)
contains.

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Color

Yxy(15.2781, 0.5381, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C53A41
RGB	197, 58, 65
RGB Percent	77%, 23%, 25%
CMY	0.2275, 0.7725, 0.7452
CMYK	0.00, 0.71, 0.67, 0.23
HSL	357°, 55%, 50%
HSV	357°, 71%, 77%
XYZ	25.4919, 15.2781, 6.6039
YIQ	100.3590, 80.5970, 31.6450

Conversions

Conversions Part 2

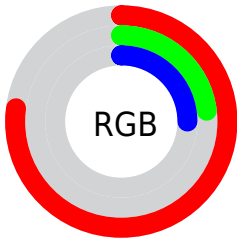
Format	Color
RYB	197, 58, 65
Decimal	12925505
CIELab	46.01, 55.15, 28.34
CIElCh	46, 62.005, 27.196
Yxy	15.2781, 0.5381, 0.3225
Android (android.graphics.Color)	4291115585 (0xFFC53A41)
YUV	100.3590, -17.4320, 84.7542
Hunter-Lab	39.0872, 48.0116, 17.3438

Details

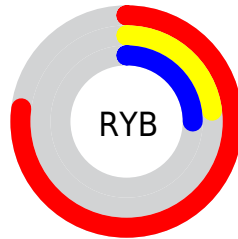
The Yxy color **15.2781, 0.5381, 0.3225** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **44.5493, 0.2362, 0.3394**, and the grayscale version is **12.8721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4869, 0.4814, 0.3305**, and **5.2922, 0.6120, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **13.4757, 0.5818, 0.3236**, and if you desaturate by 10%, it is **17.9136, 0.4915, 0.3223**.

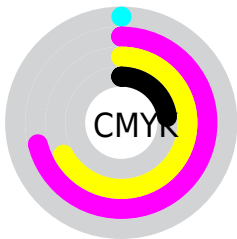
Distribution



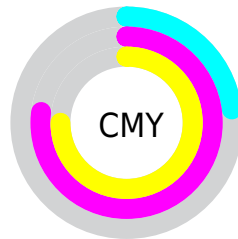
- Red (77%)
- Green (23%)
- Blue (25%)



- Red (77%)
- Yellow (23%)
- Blue (25%)



- Cyan (0%)
- Magenta (71%)
- Yellow (67%)
- Black (23%)





- Cyan (23%)
- Magenta (77%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2781, 0.5381, 0.3225 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 15.2781, 0.5381, 0.3225 by changing the saturation by 10% instead.


 15.2781, 0.5381,
0.3225


 15.2781, 0.5381,
0.3225


225.0434, 0.4060,
0.3352


 9.0148, 0.5769,
0.3138


 35.3403, 0.4854,
0.3306


 4.7508, 0.6288,
0.2980

 49.9080, 0.4670,
0.3324

 2.1018, 0.7227,
0.2773

 68.0126, 0.4520,
0.3336

 0.6657, 0.7941,
0.2059

 90.0386, 0.4396,
0.3343

 0.0000, 1.0000,
0.0000

 116.3702, 0.4291,
0.3347

 0.0000, 0.0000,
0.0000

 147.3920, 0.4202,

0.3350

183.4882, 0.4126,
0.3351

■ 15.2781, 0.5381,
0.3225

■ 15.2781, 0.5381,
0.3225

■ 13.4757, 0.5818,
0.3236

■ 17.9136, 0.4915,
0.3223

■ 12.4043, 0.6158,
0.3257

■ 21.4636, 0.4477,
0.3229

■ 11.8913, 0.6352,
0.3273

■ 26.0027, 0.4093,
0.3239

■ 31.5970, 0.3773,
0.3252

■ 38.3072, 0.3513,
0.3265

■ 46.1890, 0.3303,
0.3277

■ 55.2948, 0.3135,
0.3289

■ 65.6734, 0.3001,
0.3300

■ 77.3713, 0.2892,
0.3311

Harmonies

Analogous

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



15.2781, 0.4485, 0.2525



15.2781, 0.5381, 0.3225



15.2781, 0.5418, 0.3996

Triad

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



15.2781, 0.5381, 0.3225



15.2781, 0.2685, 0.5414



15.2781, 0.1480, 0.1611

Complementary

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



15.2781, 0.5381, 0.3225



44.5493, 0.2362, 0.3394

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.



15.2781, 0.1217, 0.1916



15.2781, 0.5381, 0.3225



15.2781, 0.1774, 0.4116

Square

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



15.2781, 0.5381, 0.3225



15.2781, 0.3767, 0.5547



15.2781, 0.1291, 0.2718



15.2781, 0.2116, 0.1645

Rectangle

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



15.2781, 0.5381, 0.3225



15.2781, 0.5035, 0.4558



15.2781, 0.1291, 0.2718



15.2781, 0.1355, 0.1670

Sweetspot

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



15.2790, 0.5381, 0.3225



67.6095, 0.3531, 0.3264



17.7160, 0.3087, 0.1695



13.7152, 0.3600, 0.3260



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.



15.2790, 0.5381, 0.3225



22.8850, 0.6030, 0.3247



25.1890, 0.4828, 0.4014



10.6454, 0.3282, 0.3279



7.8256, 0.6340, 0.3266



0.3736, 0.6131, 0.3151

Inverse Universe

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



15.2790, 0.5381, 0.3225



22.8850, 0.6030, 0.3247



22.7575, 0.2082, 0.2285



10.6454, 0.3282, 0.3279



7.8256, 0.6340, 0.3266



0.3736, 0.6131, 0.3151

Previews

White Background



This preview shows how the Yxy color 15.2781, 0.5381, 0.3225 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 15.2781, 0.5381, 0.3225 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 15.2781, 0.5381, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 15.2781, 0.5381, 0.3225.



This preview shows how white text looks on a background with the Yxy color 15.2781, 0.5381, 0.3225.

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

15.2781, 0.5381, 0.3225

Protanopia

15.5896, 0.3551, 0.3804

Deuteranopia

15.5495, 0.4223, 0.4161



Tritanopia

15.3352, 0.5434, 0.3277

Trichromacy



Original Color

15.2781, 0.5381, 0.3225

Protanomaly

14.1432, 0.4226, 0.3522

Deuteranomaly

14.5748, 0.4708, 0.3728

Tritanomaly

15.3460, 0.5419, 0.3266

Monochromacy



Original Color

15.2781, 0.5381, 0.3225

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.3360, 0.3947, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2781, 0.5381, 0.3225 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(197, 58, 65)` looks like.

```
.text, #text, p{  
  color:rgb(197, 58, 65)  
}
```

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(197, 58, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 58, 65) }
```

Border

The CSS property to change the border of an element to Yxy 15.2781, 0.5381, 0.3225 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(197, 58, 65) }
```

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

```
.border{ border-color:rgb(197, 58, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 58, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 58, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 58, 65);  
box-shadow:4px 4px 4px 4px rgb(197, 58,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2781, 0.5381, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 58, 65) }
```

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

```
.background{ background-color: rgb(197, 58,  
65) }
```

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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