

Converting Colors

$Yxy(15.0451, 0.5334, 0.3264)$

Have a look what the booklet for
Yxy(15.0451, 0.5334, 0.3264)
contains.

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Color

Yxy(15.0451, 0.5334, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	C13D40
RGB	193, 61, 64
RGB Percent	76%, 24%, 25%
CMY	0.2431, 0.7607, 0.7489
CMYK	0.00, 0.68, 0.67, 0.24
HSL	359°, 52%, 50%
HSV	359°, 68%, 76%
XYZ	24.5866, 15.0451, 6.4624
YIQ	100.8100, 77.7090, 28.9170

Conversions

Conversions Part 2

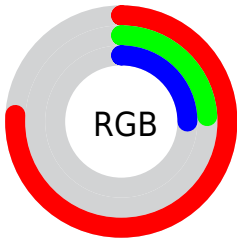
Format	Color
RYB	193, 61, 64
Decimal	12664128
CIELab	45.70, 52.65, 28.36
CIELCh	46, 59.804, 28.306
Yxy	15.0451, 0.5334, 0.3264
Android (android.graphics.Color)	4290854208 (0xFFC13D40)
YUV	100.8100, -18.1473, 80.8506
Hunter-Lab	38.7880, 45.2668, 17.2734

Details

The Yxy color **15.0451, 0.5334, 0.3264** 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 **42.8478, 0.2357, 0.3334**, and the grayscale version is **12.9966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9206, 0.4813, 0.3334**, and **4.9597, 0.6120, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **13.1632, 0.5784, 0.3269**, and if you desaturate by 10%, it is **17.7424, 0.4863, 0.3263**.

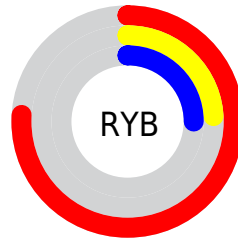
Distribution



Red (76%)

Green (24%)

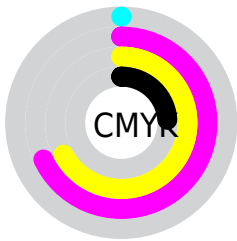
Blue (25%)



Red (76%)

Yellow (24%)

Blue (25%)

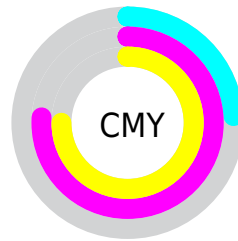


Cyan (0%)

Magenta (68%)

Yellow (67%)

Black (24%)



Cyan (24%)


Magenta (76%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0451, 0.5334, 0.3264 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 15.0451, 0.5334, 0.3264 by changing the saturation by 10% instead.


 15.0451, 0.5334,
0.3264

 15.0451, 0.5334,
0.3264


223.6390, 0.4036,
0.3366

 8.8510, 0.5718,
0.3184


 34.9323, 0.4815,
0.3335


 4.6442, 0.6233,
0.3034

 49.3942, 0.4634,
0.3350


 2.0400, 0.7165,
0.2835

 67.3808, 0.4487,
0.3359

 0.6306, 0.7902,
0.2098

 89.2766, 0.4365,
0.3364

 0.0000, 1.0000,
0.0000

 115.4660, 0.4263,
0.3366

 0.0000, 0.0000,
0.0000

 146.3332, 0.4176,

0.3367

182.2628, 0.4101,
0.3367

■ 15.0451, 0.5334,
0.3264

■ 15.0451, 0.5334,
0.3264

■ 13.1632, 0.5784,
0.3269

■ 17.7424, 0.4863,
0.3263

■ 12.0026, 0.6140,
0.3279

■ 21.3307, 0.4424,
0.3265

■ 11.4209, 0.6351,
0.3287

■ 25.8796, 0.4043,
0.3270

■ 11.3467, 0.6378,
0.3287

■ 31.4513, 0.3728,
0.3275

■ 38.1027, 0.3472,
0.3280

■ 45.8866, 0.3267,
0.3286

■ 54.8523, 0.3103,
0.3291

■ 65.0462, 0.2971,
0.3296

■ 76.5120, 0.2865,
0.3300

Harmonies

Analogous

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



15.0451, 0.4489, 0.2570



15.0451, 0.5334, 0.3264



15.0451, 0.5351, 0.4027

Triad

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



15.0451, 0.5334, 0.3264



15.0451, 0.2668, 0.5309



15.0451, 0.1532, 0.1644

Complementary

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



15.0451, 0.5334, 0.3264



42.8478, 0.2357, 0.3334

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.



15.0451, 0.1261, 0.1934



15.0451, 0.5334, 0.3264



15.0451, 0.1787, 0.4035

Square

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



15.0451, 0.5334, 0.3264



15.0451, 0.3728, 0.5501



15.0451, 0.1324, 0.2701



15.0451, 0.2174, 0.1687

Rectangle

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



15.0451, 0.5334, 0.3264



15.0451, 0.4972, 0.4576



15.0451, 0.1324, 0.2701



15.0451, 0.1404, 0.1699

Sweetspot

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



15.0460, 0.5334, 0.3264



64.5354, 0.3542, 0.3279



17.9560, 0.3144, 0.1754



13.1264, 0.3612, 0.3277



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0460, 0.5334, 0.3264



22.4083, 0.5974, 0.3274



25.7418, 0.4710, 0.4059



10.0815, 0.3285, 0.3285



7.5488, 0.6372, 0.3284



0.3275, 0.6267, 0.3226

Inverse Universe

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



15.0460, 0.5334, 0.3264



22.4083, 0.5974, 0.3274



21.1835, 0.2089, 0.2244



10.0815, 0.3285, 0.3285



7.5488, 0.6372, 0.3284



0.3275, 0.6267, 0.3226

Previews

White Background



This preview shows how the Yxy color 15.0451, 0.5334, 0.3264 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 15.0451, 0.5334, 0.3264 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 15.0451, 0.5334, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 15.0451, 0.5334, 0.3264.



This preview shows how white text looks on a background with the Yxy color 15.0451, 0.5334, 0.3264.

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

15.0451, 0.5334, 0.3264

Protanopia

15.3284, 0.3596, 0.3847

Deuteranopia

15.2644, 0.4219, 0.4150



Tritanopia

15.0451, 0.5334, 0.3264

Trichromacy



Original Color

15.0451, 0.5334, 0.3264

Protanomaly

14.1820, 0.4250, 0.3593

Deuteranomaly

14.2743, 0.4667, 0.3738

Tritanomaly

15.0451, 0.5334, 0.3264

Monochromacy



Original Color

15.0451, 0.5334, 0.3264

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.4285, 0.3907, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0451, 0.5334, 0.3264 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(193, 61, 64)` looks like.

```
.text, #text, p{  
    color:rgb(193, 61, 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(193, 61, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 61, 64) }
```

Border

The CSS property to change the border of an element to Yxy 15.0451, 0.5334, 0.3264 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(193, 61, 64) }
```

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

```
.border{ border-color:rgb(193, 61, 64) }
```

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

Here you see how a box with a 4 pixel rgb(193, 61, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 61, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 61, 64);  
box-shadow:4px 4px 4px 4px rgb(193, 61,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0451, 0.5334, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 61, 64) }
```

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

```
.background{ background-color: rgb(193, 61,  
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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