

Converting Colors

$Y_{xy}(15.0945, 0.5790, 0.2963)$

Have a look what the booklet for
Yxy(15.0945, 0.5790, 0.2963)
contains.

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Color

Yxy(15.1334, 0.5790, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	D90041
RGB	217, 0, 65
RGB Percent	85%, 0%, 25%
CMY	0.1490, 1.0000, 0.7450
CMYK	0.00, 1.00, 0.70, 0.15
HSL	342°, 100%, 43%
HSV	342°, 100%, 85%
XYZ	29.5722, 15.1334, 6.3690
YIQ	72.2930, 108.4670, 66.2190

Conversions

Conversions Part 2

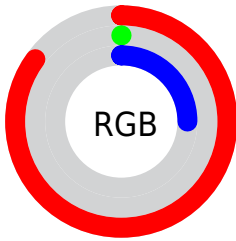
Format	Color
R_{YB}	217, 0, 65
Decimal	14221377
CIE _{Lab}	45.82, 72.36, 28.94
CIE _{LCh}	46, 77.931, 21.802
Yxy	15.1334, 0.5790, 0.2963
Android (android.graphics.Color)	4292411457 (0xFFD90041)
YUV	72.2930, -3.5954, 126.9080
Hunter-Lab	38.9017, 67.6138, 17.5242

Details

The Yxy color **15.1334, 0.5790, 0.2963** 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 **51.8959, 0.2530, 0.4307**, and the grayscale version is **6.5268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5970, 0.4968, 0.3076**, and **6.8342, 0.6166, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **15.1350, 0.5790, 0.2963**, and if you desaturate by 10%, it is **15.8980, 0.5484, 0.2872**.

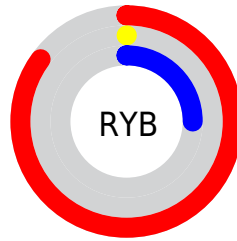
Distribution



Red (85%)

Green (0%)

Blue (25%)



Red (85%)

Yellow (0%)

Blue (25%)

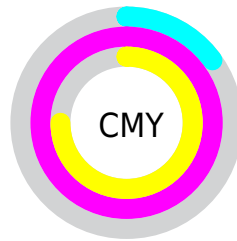


Cyan (0%)

Magenta (100%)

Yellow (70%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1334, 0.5790, 0.2963 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 15.1334, 0.5790, 0.2963 by changing the saturation by 10% instead.


 15.1334, 0.5790,
0.2963


 15.1334, 0.5790,
0.2963


224.1722, 0.4243,
0.3259


 8.9131, 0.6227,
0.2823


 35.0870, 0.5182,
0.3115


 4.6845, 0.6796,
0.2598

 49.5891, 0.4966,
0.3158


 2.0634, 0.7721,
0.2279

 67.6206, 0.4790,
0.3188

 0.6439, 0.8447,
0.1553

 89.5658, 0.4643,
0.3211

 0.0000, 1.0000,
0.0000

 115.8092, 0.4519,
0.3228

 0.0000, 0.0000,
0.0000

 146.7351, 0.4414,

0.3241

182.7280, 0.4323,
0.3251

■ 15.1334, 0.5790,
0.2963

■ 15.1334, 0.5790,
0.2963

■ 15.1350, 0.5790,
0.2963


■ 15.8980, 0.5484,
0.2872


■ 17.3441, 0.5132,
0.2818


■ 19.6848, 0.4765,
0.2811

■ 23.0394, 0.4413,
0.2843

■ 27.5085, 0.4096,
0.2901

 33.1805, 0.3824,
0.2975

 40.1350, 0.3595,
0.3056

 48.4445, 0.3407,
0.3137

 58.1763, 0.3253,
0.3216

Harmonies

Analogous

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



15.1334, 0.4525, 0.2220



15.1334, 0.5790, 0.2963



15.1334, 0.5908, 0.3775

Triad

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



15.1334, 0.5790, 0.2963



15.1334, 0.2691, 0.6199



15.1334, 0.1128, 0.1349

Complementary

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



15.1334, 0.5790, 0.2963



51.8959, 0.2530, 0.4307

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.



15.1334, 0.0905, 0.1732



15.1334, 0.5790, 0.2963



15.1334, 0.1606, 0.4709

Square

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



15.1334, 0.5790, 0.2963



15.1334, 0.3951, 0.5869



15.1334, 0.1019, 0.2773



15.1334, 0.1739, 0.1343

Rectangle

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



15.1334, 0.5790, 0.2963



15.1334, 0.5471, 0.4428



15.1334, 0.1019, 0.2773



15.1334, 0.1017, 0.1426

Sweetspot

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



15.1350, 0.5790, 0.2963



57.5373, 0.3601, 0.3053



11.6765, 0.2455, 0.1126



11.3577, 0.3693, 0.3019



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.



15.1350, 0.5790, 0.2963



21.7877, 0.5812, 0.2975



16.5100, 0.6192, 0.3466



13.1154, 0.3245, 0.3220



9.1775, 0.5752, 0.2942



0.6096, 0.5284, 0.2685

Inverse Universe

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



15.1350, 0.5790, 0.2963



21.7877, 0.5812, 0.2975



35.1304, 0.2063, 0.2628



13.1154, 0.3245, 0.3220



9.1775, 0.5752, 0.2942



0.6096, 0.5284, 0.2685

Previews

White Background



This preview shows how the Yxy color 15.1334, 0.5790, 0.2963 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 15.1334, 0.5790, 0.2963 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 15.1334, 0.5790, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 15.1334, 0.5790, 0.2963.



This preview shows how white text looks on a background with the Yxy color 15.1334, 0.5790, 0.2963.

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

15.1334, 0.5790, 0.2963

Protanopia

15.7094, 0.3391, 0.3577

Deuteranopia

15.6037, 0.4273, 0.4201



Tritanopia

15.3919, 0.6215, 0.3319

Trichromacy



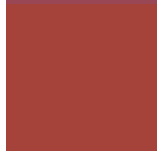
Original Color

15.1334, 0.5790, 0.2963



Protanomaly

11.8085, 0.4378, 0.3047



Deuteranomaly

12.3191, 0.5077, 0.3420



Tritanomaly

15.1334, 0.6121, 0.3210

Monochromacy



Original Color

15.1334, 0.5790, 0.2963



Achromatopsia

6.4803, 0.3127, 0.3290



Achromatomaly

6.7436, 0.4447, 0.2854

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1334, 0.5790, 0.2963 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(217, 0, 65)` looks like.

```
.text, #text, p{  
  color:rgb(217, 0, 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(217, 0, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 65) }
```

Border

The CSS property to change the border of an element to Yxy 15.1334, 0.5790, 0.2963 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(217, 0, 65) }
```

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

```
.border{ border-color:rgb(217, 0, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 65);  
box-shadow:4px 4px 4px 4px rgb(217, 0, 65)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.1334, 0.5790, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 65) }
```

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

```
.background{ background-color: rgb(217, 0,  
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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