

Converting Colors

$Y_{xy}(15.2970, 0.6100, 0.3539)$

Have a look what the booklet for
Yxy(15.2970, 0.6100, 0.3539)
contains.

Yxy(15.2603, 0.6101, 0.3538)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.2603, 0.6101, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	CD3200
RGB	205, 50, 0
RGB Percent	80%, 20%, 0%
CMY	0.1961, 0.8038, 1.0000
CMYK	0.00, 0.76, 1.00, 0.20
HSL	15°, 100%, 40%
HSV	15°, 100%, 80%
XYZ	26.3152, 15.2603, 1.5571
YIQ	90.6450, 108.4300, 17.3100

Conversions

Conversions Part 2

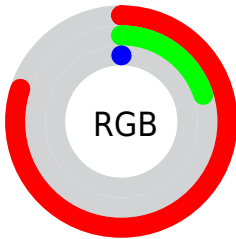
Format	Color
RYB	205, 66, 0
Decimal	13447680
CIELab	45.99, 58.69, 58.33
CIELCh	46, 82.746, 44.825
Yxy	15.2603, 0.6101, 0.3538
Android (android.graphics.Color)	4291637760 (0xFFCD3200)
YUV	90.6450, -44.6880, 100.2893
Hunter-Lab	39.0644, 51.8811, 24.9818

Details

The Yxy color **15.2603, 0.6101, 0.3538** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **27.8366, 0.2021, 0.2474**, and the grayscale version is **10.4650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2706, 0.5435, 0.3707**, and **5.6627, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.2613, 0.6101, 0.3538**, and if you desaturate by 10%, it is **16.8711, 0.5842, 0.3620**.

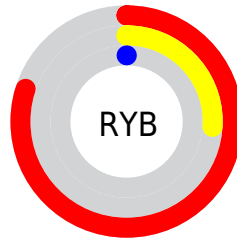
Distribution



Red (80%)

Green (20%)

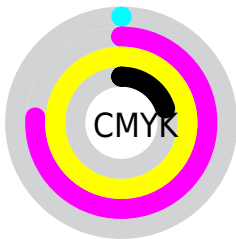
Blue (0%)



Red (80%)

Yellow (26%)

Blue (0%)

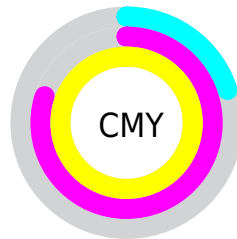


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (20%)



Cyan (20%)


Magenta (80%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2603, 0.6101, 0.3538 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 15.2603, 0.6101, 0.3538 by changing the saturation by 10% instead.

 15.2603, 0.6101,
0.3538


 15.2603, 0.6101,
0.3538


 224.9364, 0.4485,
0.3648


 9.0023, 0.6499,
0.3403


 35.3092, 0.5525,
0.3666


 4.7427, 0.6882,
0.3118

 49.8688, 0.5300,
0.3686

 2.0971, 0.7336,
0.2664

 67.9645, 0.5109,
0.3691

 0.6630, 0.8057,
0.1943

 89.9805, 0.4946,
0.3689


 0.0000, 1.0000,
0.0000


 116.3013, 0.4806,
0.3681

 0.0000, 0.0000,
0.0000


 147.3113, 0.4685,


0.3671


 183.3949, 0.4579,
0.3660


 15.2603, 0.6101,
0.3538


 15.2603, 0.6101,
0.3538

 15.2613, 0.6101,
0.3538

 16.8711, 0.5842,
0.3620

 19.0257, 0.5504,
0.3672

 21.7804, 0.5117,
0.3683

 25.1781, 0.4723,
0.3660

 29.2574, 0.4352,
0.3612

■ 34.0541, 0.4022,
0.3551

■ 39.6009, 0.3737,
0.3484

■ 45.9288, 0.3497,
0.3416

■ 53.0668, 0.3295,
0.3351

Harmonies

Analogous

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



15.2603, 0.5718, 0.2742



15.2603, 0.6101, 0.3538



15.2603, 0.5456, 0.4544

Triad

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



15.2603, 0.6101, 0.3538



15.2603, 0.1743, 0.5321



15.2603, 0.1491, 0.1248

Complementary

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



15.2603, 0.6101, 0.3538



27.8366, 0.2021, 0.2474

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.



15.2603, 0.0978, 0.1325



15.2603, 0.6101, 0.3538



15.2603, 0.1022, 0.3126

Square

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



15.2603, 0.6101, 0.3538



15.2603, 0.2922, 0.6436



15.2603, 0.0825, 0.1827



15.2603, 0.2540, 0.1478

Rectangle

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



15.2603, 0.6101, 0.3538



15.2603, 0.4675, 0.5325



15.2603, 0.0825, 0.1827



15.2603, 0.1271, 0.1238

Sweetspot

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



15.2613, 0.6101, 0.3538



64.5044, 0.3747, 0.3486



15.4174, 0.3910, 0.1927



12.9477, 0.3864, 0.3515



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.



15.2613, 0.6101, 0.3538



24.7309, 0.6121, 0.3522



34.8944, 0.4763, 0.4600



11.6510, 0.3284, 0.3347



9.6283, 0.6077, 0.3557



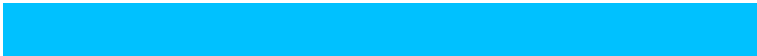
0.6195, 0.5683, 0.3869

Inverse Universe

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



27.8366, 0.2021, 0.2474



45.2562, 0.2018, 0.2463



7.1078, 0.1587, 0.0912



12.2451, 0.2983, 0.3232



17.4866, 0.2024, 0.2487



1.0161, 0.2073, 0.2662

Previews

White Background



This preview shows how the Yxy color 15.2603, 0.6101, 0.3538 looks on a white background.

Color Contrast Check

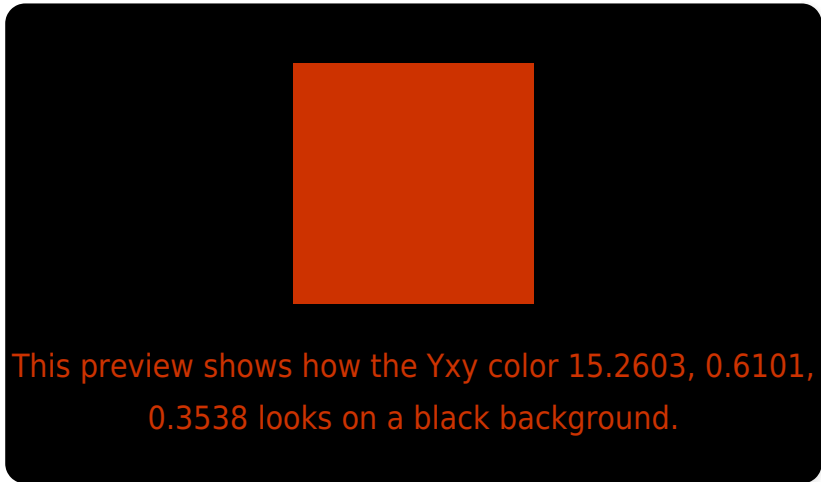
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.2603, 0.6101, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 15.2603, 0.6101, 0.3538.



This preview shows how white text looks on a background with the Yxy color 15.2603, 0.6101, 0.3538.

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

15.2603, 0.6101, 0.3538

Protanopia

15.5029, 0.4301, 0.4745

Deuteranopia

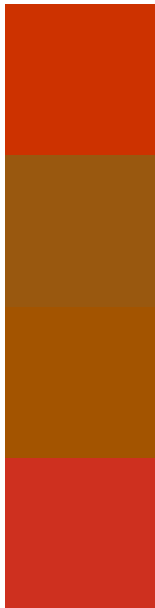
15.3896, 0.4707, 0.4644



Tritanopia

15.3682, 0.5781, 0.3290

Trichromacy



Original Color

15.2603, 0.6101, 0.3538

Protanomaly

13.7862, 0.5106, 0.4212

Deuteranomaly

14.1272, 0.5349, 0.4135

Tritanomaly

15.3346, 0.5954, 0.3412

Monochromacy



Original Color

15.2603, 0.6101, 0.3538

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.3799, 0.4502, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2603, 0.6101, 0.3538 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(205, 50, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 50, 0)  
}
```

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(205, 50, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 50, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.2603, 0.6101, 0.3538 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(205, 50, 0) }
```

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

```
.border{ border-color:rgb(205, 50, 0) }
```

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

Here you see how a box with a 4 pixel rgb(205, 50, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 50, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 50, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 50, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.2603, 0.6101, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 50, 0) }
```

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

```
.background{ background-color: rgb(205, 50,  
0) }
```

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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