

Converting Colors

$Y_{xy}(14.9012, 0.5509, 0.3997)$

Have a look what the booklet for
Yxy(14.9012, 0.5509, 0.3997)
contains.

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Color

Yxy(15.0032, 0.5502, 0.4001)

Conversions

Conversions Part 1

Format	Color
Hex	AF5102
RGB	175, 81, 2
RGB Percent	69%, 32%, 1%
CMY	0.3137, 0.6823, 0.9924
CMYK	0.00, 0.54, 0.99, 0.31
HSL	27°, 98%, 35%
HSV	27°, 99%, 69%
XYZ	20.6317, 15.0032, 1.8637
YIQ	100.1000, 81.3830, -4.6410

Conversions

Conversions Part 2

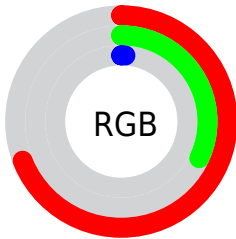
Format	Color
R_{YB}	175, 147, 2
Decimal	11489538
CIE _{Lab}	45.64, 34.81, 54.73
CIE _{LCh}	46, 64.863, 57.542
Yxy	15.0032, 0.5502, 0.4001
Android (android.graphics.Color)	4289679618 (0xFFAF5102)
YUV	100.1000, -48.3633, 65.6873
Hunter-Lab	38.7340, 27.2940, 24.2610

Details

The Yxy color **15.0032, 0.5502, 0.4001** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **11.4572, 0.1821, 0.1748**, and the grayscale version is **12.8800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.8333, 0.5027, 0.3981**, and **4.6779, 0.5942, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **14.8456, 0.5527, 0.3994**, and if you desaturate by 10%, it is **16.5612, 0.5275, 0.4063**.

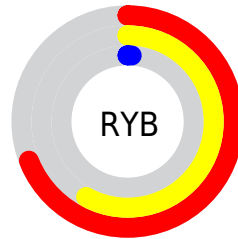
Distribution



Red (69%)

Green (32%)

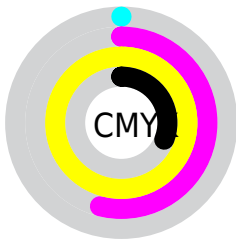
Blue (1%)



Red (69%)

Yellow (58%)

Blue (1%)

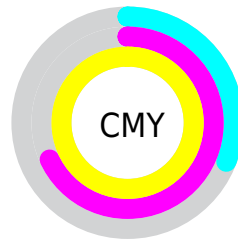


Cyan (0%)

Magenta (54%)

Yellow (99%)

Black (31%)



Cyan (31%)

Magenta (68%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0032, 0.5502, 0.4001 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 15.0032, 0.5502, 0.4001 by changing the saturation by 10% instead.


 15.0032, 0.5502,
0.4001


 15.0032, 0.5502,
0.4001


 223.3856, 0.4193,
0.3775


 8.8216, 0.5826,
0.3964


 34.8588, 0.5026,
0.3984


 4.6250, 0.6180,
0.3820

 49.3016, 0.4843,
0.3955


 2.0290, 0.6528,
0.3472

 67.2670, 0.4689,
0.3922

 0.6242, 0.7191,
0.2809

 89.1392, 0.4558,
0.3889


 0.0000, 1.0000,
0.0000


 115.3029, 0.4447,
0.3858


 0.0000, 0.0000,
0.0000


 146.1422, 0.4350,


0.3828


 182.0416, 0.4266,
0.3801

 15.0032, 0.5502,
0.4001

 15.0032, 0.5502,
0.4001


 14.8456, 0.5527,
0.3994

 16.5612, 0.5275,
0.4063

 18.3641, 0.5012,
0.4078

 20.4323, 0.4725,
0.4043

 22.7794, 0.4433,
0.3969

 25.4178, 0.4152,
0.3868

■ 28.3588, 0.3892,
0.3752

■ 31.6129, 0.3658,
0.3629

■ 35.1902, 0.3450,
0.3507

■ 39.1002, 0.3269,
0.3389

Harmonies

Analogous

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



15.0032, 0.5495, 0.3212



15.0032, 0.5502, 0.4001



15.0032, 0.4795, 0.4889

Triad

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



15.0032, 0.5502, 0.4001



15.0032, 0.1700, 0.4138



15.0032, 0.2081, 0.1588

Complementary

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



15.0032, 0.5502, 0.4001



11.4572, 0.1821, 0.1748

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.



15.0032, 0.1425, 0.1547



15.0032, 0.5502, 0.4001



15.0032, 0.1218, 0.2665

Square

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



15.0032, 0.5502, 0.4001



15.0032, 0.2633, 0.5534



15.0032, 0.1153, 0.1848



15.0032, 0.3197, 0.1918

Rectangle

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



15.0032, 0.5502, 0.4001



15.0032, 0.4118, 0.5449



15.0032, 0.1153, 0.1848



15.0032, 0.1813, 0.1542

Sweetspot

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



15.0040, 0.5502, 0.4001



55.6379, 0.3694, 0.3649



10.0205, 0.4717, 0.2380



11.8240, 0.3789, 0.3700



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



15.0040, 0.5502, 0.4001



26.1639, 0.5554, 0.3972



36.5150, 0.4279, 0.4978



8.5957, 0.3275, 0.3394



10.7520, 0.5508, 0.4009



0.4093, 0.5013, 0.4402

Inverse Universe

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



11.4572, 0.1821, 0.1748



19.7704, 0.1807, 0.1703



3.3372, 0.1515, 0.0642



8.4507, 0.2986, 0.3184



8.2064, 0.1819, 0.1749



0.3360, 0.1962, 0.2263

Previews

White Background



This preview shows how the Yxy color 15.0032, 0.5502, 0.4001 looks on a white background.

Color Contrast Check

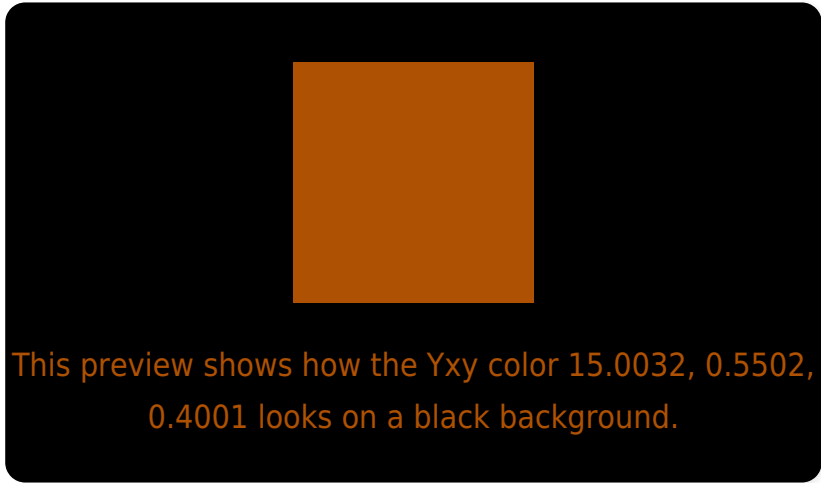
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0032, 0.5502, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 15.0032, 0.5502, 0.4001.



This preview shows how white text looks on a background with the Yxy color 15.0032, 0.5502, 0.4001.

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

15.0032, 0.5502, 0.4001

Protanopia

15.1856, 0.4343, 0.4803

Deuteranopia

15.0189, 0.4698, 0.4652



Tritanopia

14.9585, 0.4765, 0.3226

Trichromacy



Original Color

15.0032, 0.5502, 0.4001

Protanomaly

14.6986, 0.4794, 0.4494

Deuteranomaly

14.7659, 0.5015, 0.4392

Tritanomaly

14.7858, 0.5172, 0.3611

Monochromacy



Original Color

15.0032, 0.5502, 0.4001

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.7109, 0.4133, 0.3865

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0032, 0.5502, 0.4001 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(175, 81, 2)` looks like.

```
.text, #text, p{  
    color:rgb(175, 81, 2)  
}
```

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(175, 81, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 81, 2) }
```

Border

The CSS property to change the border of an element to Yxy 15.0032, 0.5502, 0.4001 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(175, 81, 2) }
```

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

```
.border{ border-color:rgb(175, 81, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 81, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 81, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 81, 2);  
box-shadow:4px 4px 4px 4px rgb(175, 81, 2)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.0032, 0.5502, 0.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 81, 2) }
```

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

```
.background{ background-color: rgb(175, 81,  
2) }
```

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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