

Converting Colors

$Y_{xy}(14.9773, 0.5247, 0.4060)$

Have a look what the booklet for
Yxy(14.9773, 0.5247, 0.4060)
contains.

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Color

$Y_{xy}(15.0860, 0.5242, 0.4060)$

Conversions

Conversions Part 1

Format	Color
Hex	A75715
RGB	167, 87, 21
RGB Percent	65%, 34%, 8%
CMY	0.3451, 0.6588, 0.9177
CMYK	0.00, 0.48, 0.87, 0.35
HSL	27°, 78%, 37%
HSV	27°, 87%, 65%
XYZ	19.4780, 15.0860, 2.5936
YIQ	103.3960, 68.8660, -3.5660

Conversions

Conversions Part 2

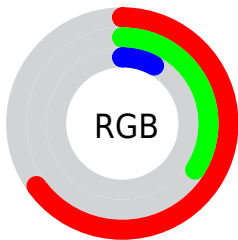
Format	Color
RYB	167, 141, 21
Decimal	10966805
CIELab	45.75, 28.61, 48.92
CIELCh	46, 56.676, 59.678
Yxy	15.0860, 0.5242, 0.4060
Android (android.graphics.Color)	4289156885 (0xFFA75715)
YUV	103.3960, -40.6212, 55.7807
Hunter-Lab	38.8407, 21.5439, 23.2294

Details

The Yxy color **15.0860, 0.5242, 0.4060** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **12.2474, 0.1910, 0.1961**, and the grayscale version is **13.7706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9757, 0.4788, 0.3993**, and **4.7022, 0.5731, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **13.6534, 0.5476, 0.4004**, and if you desaturate by 10%, it is **16.7470, 0.4972, 0.4066**.

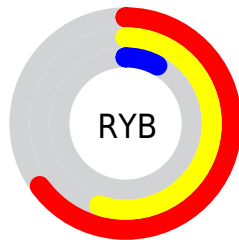
Distribution



Red (65%)

Green (34%)

Blue (8%)



Red (65%)

Yellow (55%)

Blue (8%)

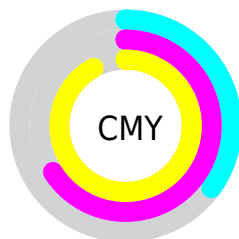


Cyan (0%)

Magenta (48%)

Yellow (87%)

Black (35%)



Cyan (35%)


Magenta (66%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0860, 0.5242, 0.4060 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 15.0860, 0.5242, 0.4060 by changing the saturation by 10% instead.


 15.0860, 0.5242,
0.4060


 15.0860, 0.5242,
0.4060


223.8862, 0.4054,
0.3751


 8.8798, 0.5538,
0.4056


 35.0040, 0.4797,
0.3993


 4.6628, 0.5967,
0.4033

 49.4845, 0.4631,
0.3951


 2.0508, 0.6269,
0.3731

 67.4919, 0.4493,
0.3910

 0.6368, 0.6863,
0.3137

 89.4106, 0.4376,
0.3873

 0.0000, 1.0000,
0.0000


 115.6250, 0.4277,
0.3838


 0.0000, 0.0000,
0.0000

 146.5195, 0.4192,


0.3806


 182.4784, 0.4118,
0.3777


 15.0860, 0.5242,
0.4060


 15.0860, 0.5242,
0.4060


 13.6534, 0.5476,
0.4004


 16.7470, 0.4972,
0.4066

 13.3175, 0.5535,
0.3987

 18.6498, 0.4682,
0.4025

 20.8072, 0.4390,
0.3947

 23.2303, 0.4111,
0.3844

 25.9291, 0.3855,
0.3728

■ 28.9131, 0.3624,
0.3607

■ 32.1915, 0.3421,
0.3487

■ 35.7727, 0.3244,
0.3372

■ 39.6648, 0.3090,
0.3263

Harmonies

Analogous

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



15.0860, 0.5243, 0.3315



15.0860, 0.5242, 0.4060



15.0860, 0.4619, 0.4842

Triad

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



15.0860, 0.5242, 0.4060



15.0860, 0.1823, 0.3933



15.0860, 0.2256, 0.1757

Complementary

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



15.0860, 0.5242, 0.4060



12.2474, 0.1910, 0.1961

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.



15.0860, 0.1615, 0.1705



15.0860, 0.5242, 0.4060



15.0860, 0.1386, 0.2695

Square

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



15.0860, 0.5242, 0.4060



15.0860, 0.2660, 0.5148



15.0860, 0.1335, 0.1976



15.0860, 0.3285, 0.2083

Rectangle

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



15.0860, 0.5242, 0.4060



15.0860, 0.4011, 0.5276



15.0860, 0.1335, 0.1976



15.0860, 0.1999, 0.1708

Sweetspot

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



15.0868, 0.5242, 0.4060



52.3335, 0.3604, 0.3595



9.6950, 0.4469, 0.2334



11.2972, 0.3676, 0.3636



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



15.0868, 0.5242, 0.4060



23.4538, 0.5563, 0.3965



33.3020, 0.4234, 0.4932



8.0802, 0.3275, 0.3392



10.2877, 0.5519, 0.4000



0.3532, 0.4977, 0.4430

Inverse Universe

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



12.2474, 0.1910, 0.1961



18.1246, 0.1812, 0.1724



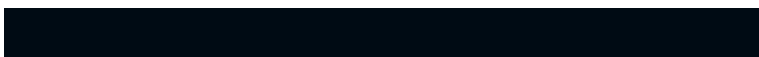
3.7926, 0.1593, 0.0784



7.9560, 0.2987, 0.3185



8.0215, 0.1824, 0.1767



0.2953, 0.1979, 0.2323

Previews

White Background



This preview shows how the Yxy color 15.0860, 0.5242, 0.4060 looks on a white background.

Color Contrast Check

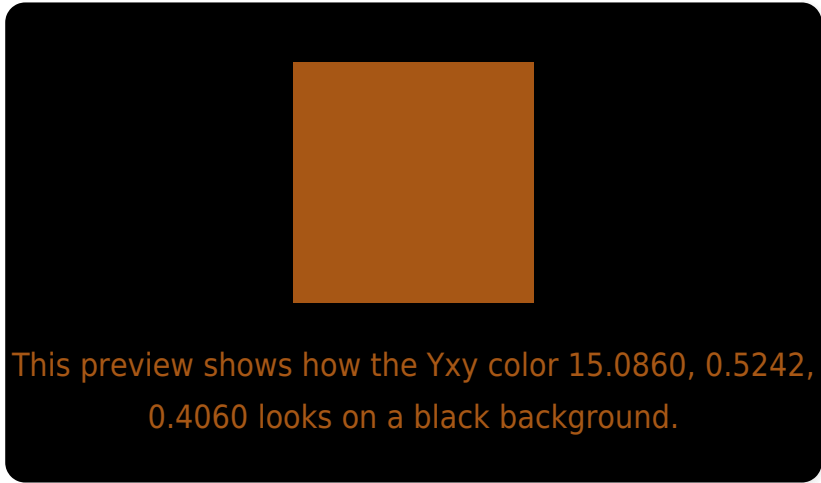
Large Text (above 18pt) WCAG AA ✓ Pass

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

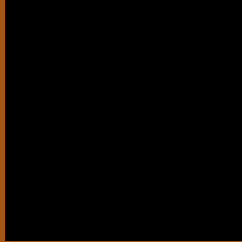
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.0860, 0.5242, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 15.0860, 0.5242, 0.4060.



This preview shows how white text looks on a background with the Yxy color 15.0860, 0.5242, 0.4060.

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

15.0860, 0.5242, 0.4060

Protanopia

15.1540, 0.4267, 0.4723

Deuteranopia

15.1169, 0.4690, 0.4614



Tritanopia

15.1190, 0.4502, 0.3205

Trichromacy



Original Color

15.0860, 0.5242, 0.4060

Protanomaly

14.7808, 0.4632, 0.4471

Deuteranomaly

14.9631, 0.4918, 0.4399

Tritanomaly

14.9804, 0.4863, 0.3579

Monochromacy



Original Color

15.0860, 0.5242, 0.4060

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.4660, 0.3944, 0.3771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0860, 0.5242, 0.4060 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(167, 87, 21)` looks like.

```
.text, #text, p{  
    color:rgb(167, 87, 21)  
}
```

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(167, 87, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 87, 21) }
```

Border

The CSS property to change the border of an element to Yxy 15.0860, 0.5242, 0.4060 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(167, 87, 21) }
```

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

```
.border{ border-color:rgb(167, 87, 21) }
```

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

Here you see how a box with a 4 pixel rgb(167, 87, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 87, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 87, 21);  
box-shadow:4px 4px 4px 4px rgb(167, 87,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0860, 0.5242, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 87, 21) }
```

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

```
.background{ background-color: rgb(167, 87,  
21) }
```

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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