

Converting Colors

$Y_{xy}(15.1249, 0.5625, 0.3884)$

Have a look what the booklet for
Yxy(15.1249, 0.5625, 0.3884)
contains.

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Color

Yxy(15.1249, 0.5625, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	B64C05
RGB	182, 76, 5
RGB Percent	71%, 30%, 2%
CMY	0.2863, 0.7020, 0.9799
CMYK	0.00, 0.58, 0.97, 0.29
HSL	24°, 95%, 37%
HSV	24°, 97%, 71%
XYZ	21.9046, 15.1249, 1.9120
YIQ	99.6000, 85.9670, 0.3910

Conversions

Conversions Part 2

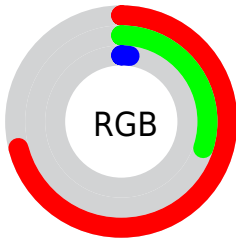
Format	Color
RYB	182, 124, 5
Decimal	11947013
CIELab	45.80, 40.15, 54.58
CIElCh	46, 67.754, 53.658
Yxy	15.1249, 0.5625, 0.3884
Android (android.graphics.Color)	4290137093 (0xFFB64C05)
YUV	99.6000, -46.6378, 72.2648
Hunter-Lab	38.8907, 32.4786, 24.3086

Details

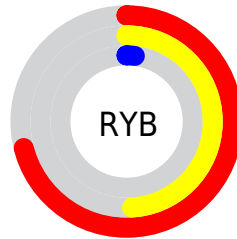
The Yxy color **15.1249, 0.5625, 0.3884** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.8082, 0.1885, 0.1964**, and the grayscale version is **12.7452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1877, 0.5125, 0.3902**, and **4.7182, 0.6125, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **14.7012, 0.5693, 0.3862**, and if you desaturate by 10%, it is **16.8103, 0.5373, 0.3953**.

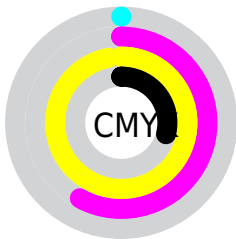
Distribution



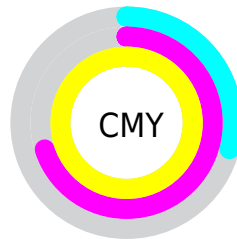
- Red (71%)
- Green (30%)
- Blue (2%)



- Red (71%)
- Yellow (49%)
- Blue (2%)



- Cyan (0%)
- Magenta (58%)
- Yellow (97%)
- Black (29%)




- Cyan (29%)
- Magenta (70%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1249, 0.5625, 0.3884 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 15.1249, 0.5625, 0.3884 by changing the saturation by 10% instead.


 15.1249, 0.5625,
0.3884

 15.1249, 0.5625,
0.3884


 224.1210, 0.4246,
0.3737


 8.9071, 0.5964,
0.3821


 35.0721, 0.5122,
0.3900


 4.6806, 0.6348,
0.3652

 49.5704, 0.4930,
0.3881

 2.0611, 0.6726,
0.3274

 67.5975, 0.4768,
0.3858

 0.6426, 0.7406,
0.2594

 89.5380, 0.4631,
0.3832

 0.0000, 1.0000,
0.0000


 115.7762, 0.4513,
0.3807


 0.0000, 0.0000,
0.0000


 146.6965, 0.4412,


0.3782


 182.6833, 0.4324,
0.3758


 15.1249, 0.5625,
0.3884

 15.1249, 0.5625,
0.3884


 14.7012, 0.5693,
0.3862

 16.8103, 0.5373,
0.3953

 18.8103, 0.5077,
0.3971

 21.1473, 0.4760,
0.3941

 23.8390, 0.4443,
0.3874

 26.9015, 0.4144,
0.3783

■ 30.3497, 0.3872,
0.3680

■ 34.1976, 0.3632,
0.3571

■ 38.4586, 0.3422,
0.3463

■ 43.1451, 0.3241,
0.3360

Harmonies

Analogous

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



15.1249, 0.5513, 0.3095



15.1249, 0.5625, 0.3884



15.1249, 0.4950, 0.4792

Triad

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



15.1249, 0.5625, 0.3884



15.1249, 0.1746, 0.4402



15.1249, 0.1932, 0.1518

Complementary

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



15.1249, 0.5625, 0.3884



14.8082, 0.1885, 0.1964

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.



15.1249, 0.1321, 0.1514



15.1249, 0.5625, 0.3884



15.1249, 0.1198, 0.2792

Square

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



15.1249, 0.5625, 0.3884



15.1249, 0.2744, 0.5743



15.1249, 0.1089, 0.1870



15.1249, 0.3020, 0.1817

Rectangle

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



15.1249, 0.5625, 0.3884



15.1249, 0.4266, 0.5405



15.1249, 0.1089, 0.1870



15.1249, 0.1679, 0.1483

Sweetspot

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



15.1258, 0.5625, 0.3884



60.3214, 0.3684, 0.3596



11.2102, 0.4487, 0.2263



12.6634, 0.3786, 0.3642



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



15.1258, 0.5625, 0.3884



26.2191, 0.5721, 0.3839



36.6212, 0.4367, 0.4898



9.5870, 0.3278, 0.3382



10.5041, 0.5672, 0.3878



0.4925, 0.5203, 0.4251

Inverse Universe

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



14.8082, 0.1885, 0.1964



25.5067, 0.1861, 0.1899



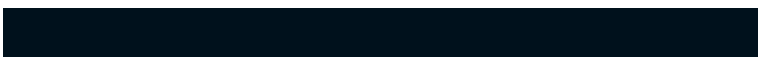
4.0161, 0.1535, 0.0700



9.5904, 0.2985, 0.3196



10.2529, 0.1872, 0.1940



0.4791, 0.1980, 0.2326

Previews

White Background



This preview shows how the Yxy color 15.1249, 0.5625, 0.3884 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 15.1249, 0.5625, 0.3884 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 15.1249, 0.5625, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 15.1249, 0.5625, 0.3884.



This preview shows how white text looks on a background with the Yxy color 15.1249, 0.5625, 0.3884.

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

15.1249, 0.5625, 0.3884

Protanopia

15.4065, 0.4319, 0.4803

Deuteranopia

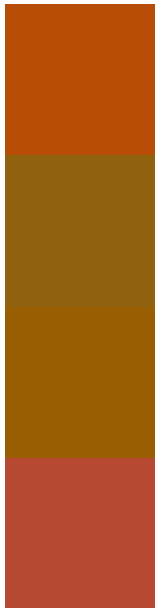
15.3039, 0.4694, 0.4655



Tritanopia

15.2048, 0.4970, 0.3245

Trichromacy



Original Color

15.1249, 0.5625, 0.3884

Protanomaly

14.6937, 0.4829, 0.4451

Deuteranomaly

14.8798, 0.5065, 0.4346

Tritanomaly

15.0627, 0.5317, 0.3562

Monochromacy



Original Color

15.1249, 0.5625, 0.3884

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.6213, 0.4170, 0.3778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1249, 0.5625, 0.3884 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(182, 76, 5)` looks like.

```
.text, #text, p{  
    color:rgb(182, 76, 5)  
}
```

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(182, 76, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 76, 5) }
```

Border

The CSS property to change the border of an element to Yxy 15.1249, 0.5625, 0.3884 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(182, 76, 5) }
```

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

```
.border{ border-color:rgb(182, 76, 5) }
```

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

Here you see how a box with a 4 pixel rgb(182, 76, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 76, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 76, 5);  
box-shadow:4px 4px 4px 4px rgb(182, 76, 5)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.1249, 0.5625, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 76, 5) }
```

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

```
.background{ background-color: rgb(182, 76,  
5) }
```

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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