

Converting Colors

$Yxy(18.5241, 0.5430, 0.3948)$

Have a look what the booklet for
Yxy(18.5241, 0.5430, 0.3948)
contains.

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Color

Yxy(18.5729, 0.5426, 0.3947)

Conversions

Conversions Part 1

Format	Color
Hex	C05A15
RGB	192, 90, 21
RGB Percent	75%, 35%, 8%
CMY	0.2470, 0.6471, 0.9175
CMYK	0.00, 0.53, 0.89, 0.25
HSL	24°, 80%, 42%
HSV	24°, 89%, 75%
XYZ	25.5324, 18.5729, 2.9504
YIQ	112.6320, 82.9410, 0.1650

Conversions

Conversions Part 2

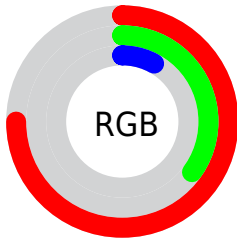
Format	Color
RYB	192, 137, 21
Decimal	12605973
CIELab	50.18, 37.34, 54.04
CIElCh	50, 65.686, 55.354
Yxy	18.5729, 0.5426, 0.3947
Android (android.graphics.Color)	4290796053 (0xFFC05A15)
YUV	112.6320, -45.1746, 69.6057
Hunter-Lab	43.0963, 30.3340, 26.1084

Details

The Yxy color **18.5729, 0.5426, 0.3947** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **18.1457, 0.1932, 0.2073**, and the grayscale version is **16.5180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0870, 0.4978, 0.3925**, and **6.3429, 0.5899, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **16.7377, 0.5669, 0.3871**, and if you desaturate by 10%, it is **20.7584, 0.5138, 0.3976**.

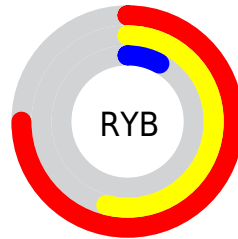
Distribution



Red (75%)

Green (35%)

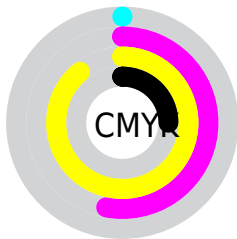
Blue (8%)



Red (75%)

Yellow (54%)

Blue (8%)

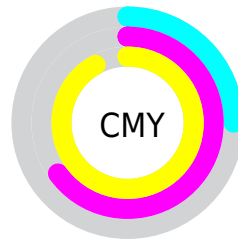


Cyan (0%)

Magenta (53%)

Yellow (89%)

Black (25%)



Cyan (25%)


Magenta (65%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.5729, 0.5426, 0.3947 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 18.5729, 0.5426, 0.3947 by changing the saturation by 10% instead.


 18.5729, 0.5426,
0.3947


 18.5729, 0.5426,
0.3947


244.0807, 0.4180,
0.3740

 11.3621, 0.5719,
0.3913


 41.0111, 0.4973,
0.3926

 6.3109, 0.6142,
0.3858


 57.0074, 0.4800,
0.3899

 3.0351, 0.6441,
0.3559

 76.7008, 0.4654,
0.3870

 1.1501, 0.6914,
0.3086

 100.4759, 0.4530,
0.3841


 0.0203, 0.9787,
0.0213


 128.7171, 0.4424,
0.3813

 0.0000, 0.0000,
0.0000


 161.8086, 0.4331,

0.3787


 200.1350, 0.4251,
0.3763


 18.5729, 0.5426,
0.3947

 18.5729, 0.5426,
0.3947


 16.7377, 0.5669,
0.3871


 20.7584, 0.5138,
0.3976

 16.5780, 0.5692,
0.3863

 23.3185, 0.4823,
0.3955

 26.2747, 0.4505,
0.3894

 29.6456, 0.4201,
0.3807

 33.4482, 0.3923,
0.3704

■ 37.6987, 0.3676,
0.3594

■ 42.4120, 0.3460,
0.3485

■ 47.6026, 0.3273,
0.3380

■ 53.2842, 0.3113,
0.3281

Harmonies

Analogous

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



18.5729, 0.5334, 0.3183



18.5729, 0.5426, 0.3947



18.5729, 0.4809, 0.4787

Triad

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



18.5729, 0.5426, 0.3947



18.5729, 0.1828, 0.4205



18.5729, 0.2071, 0.1643

Complementary

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



18.5729, 0.5426, 0.3947



18.1457, 0.1932, 0.2073

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.



18.5729, 0.1462, 0.1628



18.5729, 0.5426, 0.3947



18.5729, 0.1318, 0.2793

Square

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



18.5729, 0.5426, 0.3947



18.5729, 0.2754, 0.5442



18.5729, 0.1222, 0.1958



18.5729, 0.3109, 0.1944

Rectangle

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



18.5729, 0.5426, 0.3947



18.5729, 0.4180, 0.5311



18.5729, 0.1222, 0.1958



18.5729, 0.1822, 0.1605

Sweetspot

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



18.5739, 0.5426, 0.3947



69.6164, 0.3639, 0.3577



13.1915, 0.4346, 0.2238



14.3369, 0.3719, 0.3614



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



18.5739, 0.5426, 0.3947



29.5721, 0.5718, 0.3841



41.8892, 0.4329, 0.4876



10.7298, 0.3279, 0.3383



11.2977, 0.5669, 0.3880



0.6232, 0.5264, 0.4202

Inverse Universe

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



18.1457, 0.1932, 0.2073



28.4256, 0.1857, 0.1885



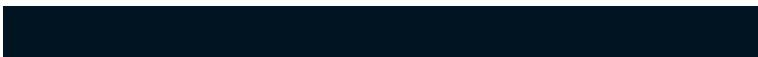
5.3611, 0.1589, 0.0809



10.7248, 0.2984, 0.3195



10.9005, 0.1869, 0.1927



0.6032, 0.1962, 0.2264

Previews

White Background



This preview shows how the Yxy color 18.5729, 0.5426, 0.3947 looks on a white 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

Black Background



This preview shows how the Yxy color 18.5729, 0.5426, 0.3947 looks on a black 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

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

Yxy 18.5729, 0.5426, 0.3947

Background



This preview shows how black text looks on a background with the Yxy color 18.5729, 0.5426, 0.3947.



This preview shows how white text looks on a background with the Yxy color 18.5729, 0.5426, 0.3947.

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

18.5729, 0.5426, 0.3947

Protanopia

18.6725, 0.4289, 0.4730

Deuteranopia

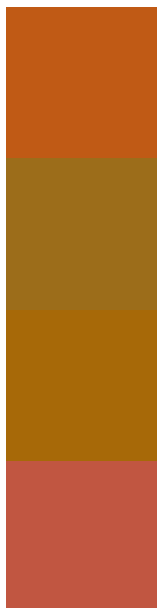
18.7100, 0.4708, 0.4644



Tritanopia

18.5482, 0.4731, 0.3219

Trichromacy



Original Color

18.5729, 0.5426, 0.3947

Protanomaly

18.0798, 0.4736, 0.4421

Deuteranomaly

18.3362, 0.5004, 0.4363

Tritanomaly

18.3747, 0.5071, 0.3546

Monochromacy



Original Color

18.5729, 0.5426, 0.3947

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.4331, 0.4020, 0.3742

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5729, 0.5426, 0.3947 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(192, 90, 21)` looks like.

```
.text, #text, p{  
    color:rgb(192, 90, 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(192, 90, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 90, 21) }
```

Border

The CSS property to change the border of an element to Yxy 18.5729, 0.5426, 0.3947 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(192, 90, 21) }
```

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

```
.border{ border-color:rgb(192, 90, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 90, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 90, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 90, 21);  
box-shadow:4px 4px 4px 4px rgb(192, 90,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5729, 0.5426, 0.3947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 90, 21) }
```

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

```
.background{ background-color: rgb(192, 90,  
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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