

Converting Colors

$Y_{xy}(14.5417, 0.5188, 0.3970)$

Have a look what the booklet for
Yxy(14.5417, 0.5188, 0.3970)
contains.

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Color

Yxy(14.5953, 0.5178, 0.3975)

Conversions

Conversions Part 1

Format	Color
Hex	A5551F
RGB	165, 85, 31
RGB Percent	65%, 33%, 12%
CMY	0.3529, 0.6666, 0.8785
CMYK	0.00, 0.48, 0.81, 0.35
HSL	24°, 68%, 38%
HSV	24°, 81%, 65%
XYZ	19.0124, 14.5953, 3.1100
YIQ	102.7640, 65.0140, 0.1660

Conversions

Conversions Part 2

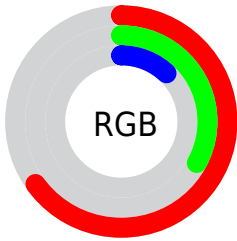
Format	Color
R_YB	165, 121, 31
Decimal	10835231
CIE Lab	45.07, 29.16, 44.17
CIE LCh	45, 52.926, 56.562
Yxy	14.5953, 0.5178, 0.3975
Android (android.graphics.Color)	4289025311 (0xFFA5551F)
YUV	102.7640, -35.3797, 54.5810
Hunter-Lab	38.2038, 21.9754, 21.9161

Details

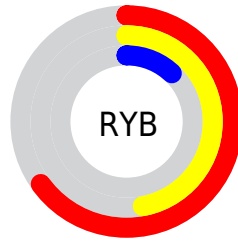
The Yxy color **14.5953, 0.5178, 0.3975** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **14.3702, 0.2003, 0.2208**, and the grayscale version is **13.5805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1804, 0.4729, 0.3917**, and **4.4489, 0.5759, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **13.0859, 0.5457, 0.3940**, and if you desaturate by 10%, it is **16.3667, 0.4868, 0.3961**.

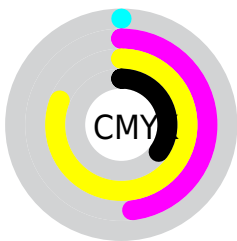
Distribution



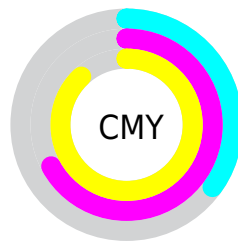
- Red (65%)
- Green (33%)
- Blue (12%)



- Red (65%)
- Yellow (47%)
- Blue (12%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)
- Black (35%)




- Cyan (35%)
- Magenta (67%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5953, 0.5178, 0.3975 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 14.5953, 0.5178, 0.3975 by changing the saturation by 10% instead.


 14.5953, 0.5178,
0.3975


 14.5953, 0.5178,
0.3975


220.9034, 0.4004,
0.3693


 8.5359, 0.5488,
0.3976


 34.1416, 0.4727,
0.3910

 4.4397, 0.6003,
0.3997

 48.3973, 0.4563,
0.3872

 1.9224, 0.6319,
0.3681

 66.1539, 0.4427,
0.3835

 0.5618, 0.7005,
0.2995

 87.7957, 0.4314,
0.3801


 0.0000, 1.0000,
0.0000

 113.7071, 0.4218,
0.3770


 0.0000, 0.0000,
0.0000

 144.2727, 0.4136,

0.3742


 179.8766, 0.4065,
0.3716


 14.5953, 0.5178,
0.3975

 14.5953, 0.5178,
0.3975

 13.0859, 0.5457,
0.3940


 16.3667, 0.4868,
0.3961

 11.9561, 0.5673,
0.3877

 18.4120, 0.4553,
0.3905

 20.7450, 0.4249,
0.3822

 23.3776, 0.3969,
0.3722

 26.3212, 0.3719,
0.3614

■ 29.5861, 0.3500,
0.3506

■ 33.1824, 0.3309,
0.3401

■ 37.1196, 0.3146,
0.3302

■ 41.4069, 0.3005,
0.3209

Harmonies

Analogous

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



14.5953, 0.5087, 0.3259



14.5953, 0.5178, 0.3975



14.5953, 0.4648, 0.4717

Triad

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



14.5953, 0.5178, 0.3975



14.5953, 0.1958, 0.4034



14.5953, 0.2218, 0.1803

Complementary

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



14.5953, 0.5178, 0.3975



14.3702, 0.2003, 0.2208

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.



14.5953, 0.1635, 0.1784



14.5953, 0.5178, 0.3975



14.5953, 0.1488, 0.2837

Square

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



14.5953, 0.5178, 0.3975



14.5953, 0.2796, 0.5103



14.5953, 0.1397, 0.2091



14.5953, 0.3166, 0.2092

Rectangle

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



14.5953, 0.5178, 0.3975



14.5953, 0.4088, 0.5134



14.5953, 0.1397, 0.2091



14.5953, 0.1983, 0.1765

Sweetspot

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



14.5961, 0.5178, 0.3975



51.0434, 0.3567, 0.3541



10.1344, 0.4186, 0.2245



10.7264, 0.3641, 0.3577



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



14.5961, 0.5178, 0.3975



21.6841, 0.5635, 0.3880



30.4236, 0.4267, 0.4822



7.5328, 0.3275, 0.3381



9.1380, 0.5656, 0.3891



0.2834, 0.5030, 0.4388

Inverse Universe

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



14.3702, 0.2003, 0.2208



20.9893, 0.1878, 0.1943



4.8376, 0.1681, 0.0983



7.5298, 0.2987, 0.3197



8.8319, 0.1872, 0.1939



0.2747, 0.2024, 0.2485

Previews

White Background



This preview shows how the Yxy color 14.5953, 0.5178, 0.3975 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 14.5953, 0.5178, 0.3975 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 14.5953, 0.5178, 0.3975

Background



This preview shows how black text looks on a background with the Yxy color 14.5953, 0.5178, 0.3975.



This preview shows how white text looks on a background with the Yxy color 14.5953, 0.5178, 0.3975.

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

14.5953, 0.5178, 0.3975

Protanopia

14.6420, 0.4187, 0.4597

Deuteranopia

14.7196, 0.4580, 0.4523



Tritanopia

14.6087, 0.4504, 0.3218

Trichromacy



Original Color

14.5953, 0.5178, 0.3975

Protanomaly

14.2793, 0.4554, 0.4359

Deuteranomaly

14.5559, 0.4806, 0.4309

Tritanomaly

14.5232, 0.4806, 0.3543

Monochromacy



Original Color

14.5953, 0.5178, 0.3975

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.3372, 0.3890, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5953, 0.5178, 0.3975 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(165, 85, 31)` looks like.

```
.text, #text, p{  
    color:rgb(165, 85, 31)  
}
```

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(165, 85, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 85, 31) }
```

Border

The CSS property to change the border of an element to Yxy 14.5953, 0.5178, 0.3975 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(165, 85, 31) }
```

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

```
.border{ border-color:rgb(165, 85, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 85, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 85, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 85, 31);  
box-shadow:4px 4px 4px 4px rgb(165, 85,  
31) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5953, 0.5178, 0.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 85, 31) }
```

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

```
.background{ background-color: rgb(165, 85,  
31) }
```

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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