

Converting Colors

$Y_{xy}(13.5067, 0.5269, 0.3783)$

Have a look what the booklet for
Yxy(13.5067, 0.5269, 0.3783)
contains.

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Color

Yxy(13.5179, 0.5276, 0.3782)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | A74C25 |
| RGB | 167, 76, 37 |
| RGB Percent | 65%, 30%, 15% |
| CMY | 0.3450, 0.7020, 0.8548 |
| CMYK | 0.00, 0.55, 0.78, 0.35 |
| HSL | 18°, 64%, 40% |
| HSV | 18°, 78%, 65% |
| XYZ | 18.8579, 13.5179, 3.3670 |
| YIQ | 98.7630, 66.7550, 7.1630 |

Conversions

Conversions Part 2

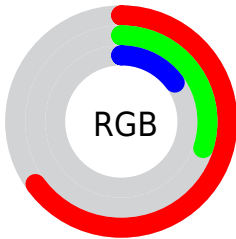
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 167, 93, 37 |
| Decimal | 10964005 |
| CIE Lab | 43.53, 35.01, 39.87 |
| CIE LCh | 44, 53.060, 48.710 |
| Yxy | 13.5179, 0.5276, 0.3782 |
| Android (android.graphics.Color) | 4289154085 (0xFFA74C25) |
| YUV | 98.7630, -30.4492, 59.8438 |
| Hunter-Lab | 36.7667, 27.2120, 20.3071 |

Details

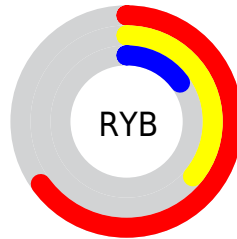
The Yxy color **13.5179, 0.5276, 0.3782** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **18.6349, 0.2106, 0.2537**, and the grayscale version is **12.4802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.1497, 0.4782, 0.3762**, and **3.9900, 0.6023, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **11.9693, 0.5612, 0.3748**, and if you desaturate by 10%, it is **15.4090, 0.4912, 0.3773**.

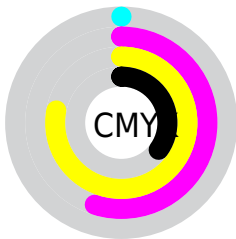
Distribution



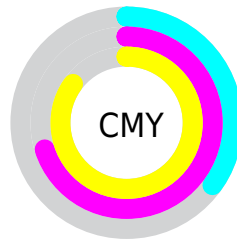
- Red (65%)
- Green (30%)
- Blue (15%)



- Red (65%)
- Yellow (36%)
- Blue (15%)



- Cyan (0%)
- Magenta (55%)
- Yellow (78%)
- Black (35%)





- Cyan (35%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5179, 0.5276, 0.3782 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 13.5179, 0.5276, 0.3782 by changing the saturation by 10% instead.


 13.5179, 0.5276,
0.3782

 13.5179, 0.5276,
0.3782


214.2107, 0.4019,
0.3608


 7.7861, 0.5627,
0.3754


 32.2311, 0.4782,
0.3758


 3.9584, 0.6219,
0.3735

 45.9814, 0.4606,
0.3735


 1.6503, 0.6633,
0.3367

 63.1733, 0.4462,
0.3710

 0.3912, 0.7671,
0.2329

 84.1911, 0.4343,
0.3687

 0.0000, 1.0000,
0.0000

 109.4194, 0.4242,
0.3664

 0.0000, 0.0000,
0.0000

 139.2425, 0.4157,

0.3644

174.0448, 0.4083,
0.3625

13.5179, 0.5276,
0.3782

13.5179, 0.5276,
0.3782

11.9693, 0.5612,
0.3748

15.4090, 0.4912,
0.3773

10.7353, 0.5892,
0.3674

17.6608, 0.4552,
0.3729

10.5046, 0.5949,
0.3658

20.2928, 0.4218,
0.3664

23.3222, 0.3920,
0.3587

26.7653, 0.3661,
0.3506

■ 30.6372, 0.3440,
0.3425

■ 34.9523, 0.3253,
0.3347

■ 39.7245, 0.3095,
0.3275

■ 44.9669, 0.2962,
0.3208

Harmonies

Analogous

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



13.5179, 0.4990, 0.3070



13.5179, 0.5276, 0.3782



13.5179, 0.4864, 0.4543

Triad

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



13.5179, 0.5276, 0.3782



13.5179, 0.2120, 0.4401



13.5179, 0.2004, 0.1739

Complementary

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



13.5179, 0.5276, 0.3782



18.6349, 0.2106, 0.2537

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.



13.5179, 0.1509, 0.1797



13.5179, 0.5276, 0.3782



13.5179, 0.1535, 0.3106

Square

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



13.5179, 0.5276, 0.3782



13.5179, 0.3040, 0.5307



13.5179, 0.1352, 0.2209



13.5179, 0.2879, 0.1964

Rectangle

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



13.5179, 0.5276, 0.3782



13.5179, 0.4339, 0.5022



13.5179, 0.1352, 0.2209



13.5179, 0.1798, 0.1725

Sweetspot

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



13.5186, 0.5276, 0.3782



50.8910, 0.3559, 0.3470



11.1584, 0.3819, 0.2064



10.8608, 0.3639, 0.3498



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.



13.5186, 0.5276, 0.3782



19.8626, 0.5808, 0.3699



26.7735, 0.4407, 0.4629



7.8953, 0.3278, 0.3358



8.1132, 0.5932, 0.3672



0.2857, 0.5302, 0.4172

Inverse Universe

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



18.6349, 0.2106, 0.2537



28.9845, 0.1996, 0.2349



6.9862, 0.1784, 0.1293



8.1466, 0.2987, 0.3221



11.9477, 0.1972, 0.2301



0.3737, 0.2074, 0.2666

Previews

White Background



This preview shows how the Yxy color 13.5179, 0.5276, 0.3782 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 13.5179, 0.5276, 0.3782 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 13.5179, 0.5276, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 13.5179, 0.5276, 0.3782.



This preview shows how white text looks on a background with the Yxy color 13.5179, 0.5276, 0.3782.

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

13.5179, 0.5276, 0.3782

Protanopia

13.7349, 0.4069, 0.4473

Deuteranopia

13.5749, 0.4527, 0.4450



Tritanopia

13.5915, 0.4760, 0.3237

Trichromacy



Original Color

13.5179, 0.5276, 0.3782

Protanomaly

13.2409, 0.4526, 0.4205

Deuteranomaly

13.2618, 0.4811, 0.4182

Tritanomaly

13.4377, 0.4979, 0.3448

Monochromacy



Original Color

13.5179, 0.5276, 0.3782

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.2891, 0.3911, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5179, 0.5276, 0.3782 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, 76, 37)` looks like.

```
.text, #text, p{  
    color:rgb(167, 76, 37)  
}
```

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, 76, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 76, 37) }
```

Border

The CSS property to change the border of an element to Yxy 13.5179, 0.5276, 0.3782 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, 76, 37) }
```

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

```
.border{ border-color:rgb(167, 76, 37) }
```

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

Here you see how a box with a 4 pixel rgb(167, 76, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 76, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 76, 37);  
box-shadow:4px 4px 4px 4px rgb(167, 76,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 13.5179, 0.5276, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 76, 37) }
```

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

```
.background{ background-color: rgb(167, 76,  
37) }
```

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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