

Converting Colors

$Y_{xy}(14.3190, 0.5053, 0.4370)$

Have a look what the booklet for
Yxy(14.3190, 0.5053, 0.4370)
contains.

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Color

Yxy(14.3127, 0.5044, 0.4377)

Conversions

Conversions Part 1

Format	Color
Hex	965D00
RGB	150, 93, 0
RGB Percent	59%, 36%, 0%
CMY	0.4117, 0.6353, 1.0000
CMYK	0.00, 0.38, 1.00, 0.41
HSL	37°, 100%, 29%
HSV	37°, 100%, 59%
XYZ	16.4938, 14.3127, 1.8933
YIQ	99.4410, 63.8250, -16.8390

Conversions

Conversions Part 2

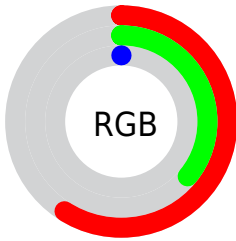
Format	Color
RYB	92, 150, 0
Decimal	9854208
CIELab	44.68, 17.35, 52.80
CIElCh	45, 55.579, 71.815
Yxy	14.3127, 0.5044, 0.4377
Android (android.graphics.Color)	4288044288 (0xFF965D00)
YUV	99.4410, -49.0244, 44.3402
Hunter-Lab	37.8321, 11.6149, 23.5153

Details

The Yxy color **14.3127, 0.5044, 0.4377** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.1307, 0.1676, 0.1234**, and the grayscale version is **12.7096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5160, 0.4667, 0.4238**, and **4.3602, 0.5297, 0.4176** is the 20% darker color. If you saturate the color by 10%, you get **14.3131, 0.5044, 0.4377**, and if you desaturate by 10%, it is **15.3865, 0.4885, 0.4395**.

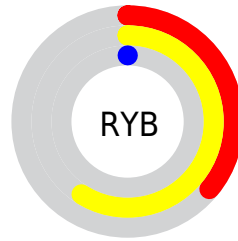
Distribution



Red (59%)

Green (36%)

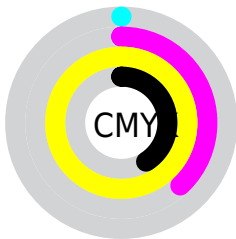
Blue (0%)



Red (36%)

Yellow (59%)

Blue (0%)

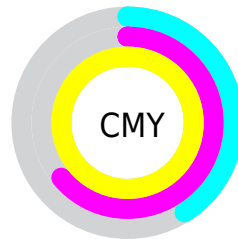


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (41%)



Cyan (41%)


Magenta (64%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3127, 0.5044, 0.4377 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 14.3127, 0.5044, 0.4377 by changing the saturation by 10% instead.


 14.3127, 0.5044,
0.4377


 14.3127, 0.5044,
0.4377


 219.1676, 0.3988,
0.3877

 8.3385, 0.5303,
0.4437


 33.6428, 0.4661,
0.4237


 4.3123, 0.5578,
0.4422

 47.7676, 0.4513,
0.4168


 1.8497, 0.5791,
0.4209

 65.3779, 0.4389,
0.4105

 0.5179, 0.6393,
0.3607

 86.8582, 0.4283,
0.4049


 0.0000, 0.0000,
0.0000


 112.5930, 0.4193,
0.3998


 142.9665, 0.4115,

0.3953

 178.3632, 0.4047,
0.3913

 14.3127, 0.5044,
0.4377

 14.3127, 0.5044,
0.4377

 14.3131, 0.5044,
0.4377

 15.3865, 0.4885,
0.4395

 16.5605, 0.4704,
0.4375

 17.8487, 0.4499,
0.4308

 19.2572, 0.4280,
0.4201

 20.7914, 0.4059,
0.4067

■ 22.4560, 0.3844,
0.3916

■ 24.2556, 0.3640,
0.3756

■ 26.1944, 0.3452,
0.3596

■ 28.2762, 0.3281,
0.3439

Harmonies

Analogous

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



14.3127, 0.5332, 0.3609



14.3127, 0.5044, 0.4377



14.3127, 0.4261, 0.5123

Triad

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



14.3127, 0.5044, 0.4377



14.3127, 0.1597, 0.3382



14.3127, 0.2631, 0.1860

Complementary

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



14.3127, 0.5044, 0.4377



5.1307, 0.1676, 0.1234

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.



14.3127, 0.1829, 0.1694



14.3127, 0.5044, 0.4377



14.3127, 0.1327, 0.2342

Square

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



14.3127, 0.5044, 0.4377



14.3127, 0.2284, 0.4727



14.3127, 0.1411, 0.1824



14.3127, 0.3772, 0.2286

Rectangle

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



14.3127, 0.5044, 0.4377



14.3127, 0.3607, 0.5419



14.3127, 0.1411, 0.1824



14.3127, 0.2319, 0.1774

Sweetspot

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



14.3134, 0.5044, 0.4377



42.6026, 0.3652, 0.3766



6.7858, 0.5406, 0.2752



9.1690, 0.3728, 0.3827



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



14.3134, 0.5044, 0.4377



24.9096, 0.5065, 0.4361



26.7635, 0.3993, 0.5212



6.3780, 0.3268, 0.3427



11.9320, 0.5036, 0.4383



0.2031, 0.4584, 0.4742

Inverse Universe

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



5.1307, 0.1676, 0.1234



8.7383, 0.1667, 0.1200



2.3264, 0.1550, 0.0627



5.9727, 0.2989, 0.3149



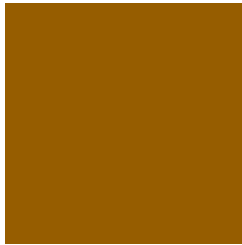
4.3125, 0.1680, 0.1247



0.1065, 0.1910, 0.2077

Previews

White Background



This preview shows how the Yxy color 14.3127, 0.5044, 0.4377 looks on a white background.

Color Contrast Check

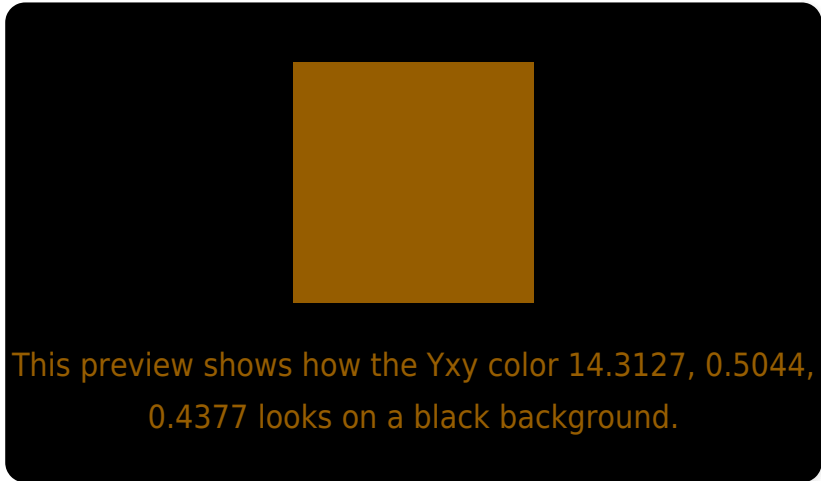
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3127, 0.5044, 0.4377

Background



This preview shows how black text looks on a background with the Yxy color 14.3127, 0.5044, 0.4377.



This preview shows how white text looks on a background with the Yxy color 14.3127, 0.5044, 0.4377.

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

14.3127, 0.5044, 0.4377

Protanopia

14.5326, 0.4350, 0.4839

Deuteranopia

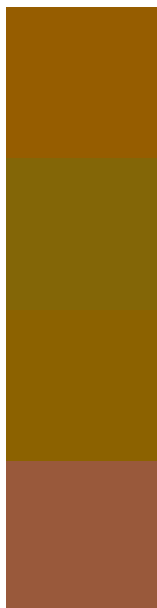
14.3757, 0.4692, 0.4657



Tritanopia

14.3159, 0.4132, 0.3175

Trichromacy



Original Color

14.3127, 0.5044, 0.4377

Protanomaly

14.3434, 0.4607, 0.4670

Deuteranomaly

14.3108, 0.4827, 0.4550

Tritanomaly

14.2328, 0.4642, 0.3776

Monochromacy



Original Color

14.3127, 0.5044, 0.4377

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.7598, 0.3963, 0.4000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3127, 0.5044, 0.4377 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(150, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 93, 0)  
}
```

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(150, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 93, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.3127, 0.5044, 0.4377 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(150, 93, 0) }
```

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

```
.border{ border-color:rgb(150, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(150, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 93, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.3127, 0.5044, 0.4377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 93, 0) }
```

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

```
.background{ background-color: rgb(150, 93,  
0) }
```

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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