

Converting Colors

$Y_{xy}(14.5227, 0.4920, 0.3835)$

Have a look what the booklet for
Yxy(14.5227, 0.4920, 0.3835)
contains.

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Color

Yxy(14.4544, 0.4922, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	A15631
RGB	161, 86, 49
RGB Percent	63%, 34%, 19%
CMY	0.3686, 0.6627, 0.8079
CMYK	0.00, 0.47, 0.70, 0.37
HSL	20°, 53%, 41%
HSV	20°, 70%, 63%
XYZ	18.5805, 14.4544, 4.7150
YIQ	104.2070, 56.5770, 4.3930

Conversions

Conversions Part 2

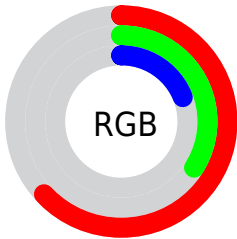
Format	Color
R_{YB}	161, 104, 49
Decimal	10573361
CIE Lab	44.88, 27.78, 34.73
CIE LCh	45, 44.474, 51.342
Yxy	14.4544, 0.4922, 0.3829
Android (android.graphics.Color)	4288763441 (0xFFA15631)
YUV	104.2070, -27.2171, 49.8075
Hunter-Lab	38.0189, 20.7026, 19.2604

Details

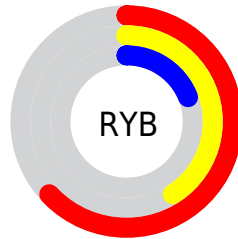
The Yxy color **14.4544, 0.4922, 0.3829** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.6383, 0.2164, 0.2561**, and the grayscale version is **13.9650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9700, 0.4497, 0.3761**, and **4.3337, 0.5674, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **12.7491, 0.5269, 0.3838**, and if you desaturate by 10%, it is **16.4695, 0.4575, 0.3784**.

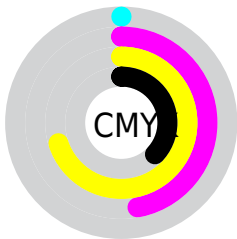
Distribution



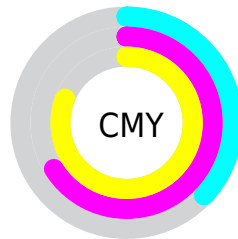
- Red (63%)
- Green (34%)
- Blue (19%)



- Red (63%)
- Yellow (41%)
- Blue (19%)



- Cyan (0%)
- Magenta (47%)
- Yellow (70%)
- Black (37%)



- Cyan (37%)
- Magenta (66%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4544, 0.4922, 0.3829 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 14.4544, 0.4922, 0.3829 by changing the saturation by 10% instead.


 14.4544, 0.4922,
0.3829


 14.4544, 0.4922,
0.3829


220.0396, 0.3868,
0.3589


 8.4374, 0.5230,
0.3847


 33.8931, 0.4502,
0.3763


 4.3761, 0.5661,
0.3839

 48.0837, 0.4355,
0.3730


 1.8861, 0.6267,
0.3733

 65.7675, 0.4235,
0.3700

 0.5400, 0.6970,
0.3030

 87.3290, 0.4136,
0.3673

 0.0000, 1.0000,
0.0000

 113.1525, 0.4052,
0.3648

 0.0000, 0.0000,
0.0000

 143.6226, 0.3982,

0.3627

179.1235, 0.3921,
0.3607

■ 14.4544, 0.4922,
0.3829

■ 14.4544, 0.4922,
0.3829

■ 12.7491, 0.5269,
0.3838

■ 16.4695, 0.4575,
0.3784

■ 11.3342, 0.5585,
0.3801

■ 18.8076, 0.4248,
0.3714

■ 10.1860, 0.5856,
0.3726

■ 21.4838, 0.3953,
0.3631

■ 10.1422, 0.5867,
0.3723

■ 24.5115, 0.3695,
0.3542

■ 27.9034, 0.3472,
0.3453

■ 31.6714, 0.3282,
0.3367

■ 35.8270, 0.3121,
0.3287

■ 40.3811, 0.2984,
0.3212

■ 45.3441, 0.2867,
0.3143

Harmonies

Analogous

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



14.4544, 0.4707, 0.3191



14.4544, 0.4922, 0.3829



14.4544, 0.4579, 0.4467

Triad

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



14.4544, 0.4922, 0.3829



14.4544, 0.2245, 0.4095



14.4544, 0.2234, 0.1964

Complementary

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



14.4544, 0.4922, 0.3829



17.6383, 0.2164, 0.2561

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.



14.4544, 0.1763, 0.2004



14.4544, 0.4922, 0.3829



14.4544, 0.1751, 0.3085

Square

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



14.4544, 0.4922, 0.3829



14.4544, 0.3023, 0.4869



14.4544, 0.1600, 0.2355



14.4544, 0.3011, 0.2182

Rectangle

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



14.4544, 0.4922, 0.3829



14.4544, 0.4136, 0.4817



14.4544, 0.1600, 0.2355



14.4544, 0.2042, 0.1947

Sweetspot

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



14.4552, 0.4922, 0.3829



48.8146, 0.3510, 0.3469



11.2673, 0.3791, 0.2187



10.3565, 0.3566, 0.3492



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



14.4552, 0.4922, 0.3829



21.5052, 0.5432, 0.3825



26.6921, 0.4248, 0.4591



7.4506, 0.3277, 0.3365



8.1680, 0.5852, 0.3735



0.2552, 0.5189, 0.4262

Inverse Universe

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



17.6383, 0.2164, 0.2561



27.3507, 0.2033, 0.2374



7.5470, 0.1894, 0.1450



7.6149, 0.2987, 0.3214



10.6637, 0.1943, 0.2194



0.3050, 0.2066, 0.2638

Previews

White Background



This preview shows how the Yxy color 14.4544, 0.4922, 0.3829 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 14.4544, 0.4922, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 14.4544, 0.4922, 0.3829.



This preview shows how white text looks on a background with the Yxy color 14.4544, 0.4922, 0.3829.

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

14.4544, 0.4922, 0.3829

Protanopia

14.6525, 0.3959, 0.4315

Deuteranopia

14.5977, 0.4353, 0.4311



Tritanopia

14.5092, 0.4397, 0.3216

Trichromacy



Original Color

14.4544, 0.4922, 0.3829

Protanomaly

14.2491, 0.4327, 0.4128

Deuteranomaly

14.4026, 0.4582, 0.4124

Tritanomaly

14.3489, 0.4614, 0.3449

Monochromacy



Original Color

14.4544, 0.4922, 0.3829

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.5495, 0.3759, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4544, 0.4922, 0.3829 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(161, 86, 49)` looks like.

```
.text, #text, p{  
    color:rgb(161, 86, 49)  
}
```

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(161, 86, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 86, 49) }
```

Border

The CSS property to change the border of an element to Yxy 14.4544, 0.4922, 0.3829 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(161, 86, 49) }
```

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

```
.border{ border-color:rgb(161, 86, 49) }
```

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

Here you see how a box with a 4 pixel rgb(161, 86, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 86, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 86, 49);  
box-shadow:4px 4px 4px 4px rgb(161, 86,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4544, 0.4922, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 86, 49) }
```

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

```
.background{ background-color: rgb(161, 86,  
49) }
```

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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