

Converting Colors

$Y_{xy}(14.8570, 0.5243, 0.4211)$

Have a look what the booklet for
 $Y_{xy}(14.8570, 0.5243, 0.4211)$
contains.

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Color

Yxy(14.8283, 0.5246, 0.4210)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A25901 |
| RGB | 162, 89, 1 |
| RGB Percent | 64%, 35%, 0% |
| CMY | 0.3647, 0.6509, 0.9962 |
| CMYK | 0.00, 0.45, 0.99, 0.36 |
| HSL | 33°, 99%, 32% |
| HSV | 33°, 99%, 64% |
| XYZ | 18.4773, 14.8283, 1.9161 |
| YIQ | 100.7950, 71.7560, -11.8920 |

Conversions

Conversions Part 2

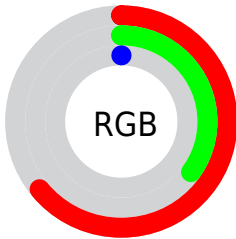
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 135, 162, 1 |
| Decimal | 10639617 |
| CIE Lab | 45.40, 25.00, 53.84 |
| CIE LCh | 45, 59.359, 65.091 |
| Yxy | 14.8283, 0.5246, 0.4210 |
| Android (android.graphics.Color) | 4288829697 (0xFFA25901) |
| YUV | 100.7950, -49.1989, 53.6768 |
| Hunter-Lab | 38.5075, 18.2624, 24.0051 |

Details

The Yxy color **14.8283, 0.5246, 0.4210** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.5066, 0.1739, 0.1454**, and the grayscale version is **13.0735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6120, 0.4813, 0.4132**, and **4.5990, 0.5597, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **14.7539, 0.5257, 0.4207**, and if you desaturate by 10%, it is **16.1518, 0.5056, 0.4249**.

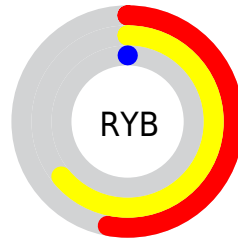
Distribution



Red (64%)

Green (35%)

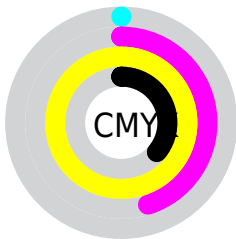
Blue (0%)



Red (53%)

Yellow (64%)

Blue (0%)

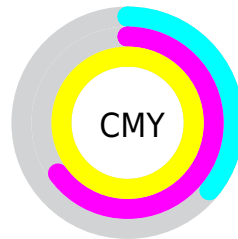


Cyan (0%)

Magenta (45%)

Yellow (99%)

Black (36%)



Cyan (36%)


Magenta (65%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8283, 0.5246, 0.4210 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 14.8283, 0.5246, 0.4210 by changing the saturation by 10% instead.


 14.8283, 0.5246,
0.4210


 14.8283, 0.5246,
0.4210


 222.3246, 0.4079,
0.3834

 8.6990, 0.5532,
0.4223


 34.5517, 0.4822,
0.4126


 4.5454, 0.5848,
0.4152

 48.9145, 0.4659,
0.4075


 1.9831, 0.6125,
0.3875

 66.7907, 0.4521,
0.4026

 0.5976, 0.6721,
0.3279

 88.5645, 0.4405,
0.3980

 0.0000, 1.0000,
0.0000

 114.6204, 0.4305,
0.3938

 0.0000, 0.0000,
0.0000

 145.3428, 0.4219,

0.3900

181.1161, 0.4144,
0.3865

14.8283, 0.5246,
0.4210

14.8283, 0.5246,
0.4210

14.7539, 0.5257,
0.4207

16.1518, 0.5056,
0.4249

17.6318, 0.4838,
0.4244

19.2842, 0.4597,
0.4191

21.1177, 0.4347,
0.4098

23.1401, 0.4099,
0.3978

■ 25.3585, 0.3864,
0.3841

■ 27.7794, 0.3647,
0.3698

■ 30.4091, 0.3450,
0.3554

■ 33.2535, 0.3274,
0.3415

Harmonies

Analogous

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



14.8283, 0.5406, 0.3431



14.8283, 0.5246, 0.4210



14.8283, 0.4500, 0.5029

Triad

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



14.8283, 0.5246, 0.4210



14.8283, 0.1646, 0.3697



14.8283, 0.2379, 0.1740

Complementary

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



14.8283, 0.5246, 0.4210



7.5066, 0.1739, 0.1454

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.



14.8283, 0.1645, 0.1631



14.8283, 0.5246, 0.4210



14.8283, 0.1282, 0.2478

Square

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



14.8283, 0.5246, 0.4210



14.8283, 0.2444, 0.5087



14.8283, 0.1296, 0.1837



14.8283, 0.3515, 0.2122

Rectangle

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



14.8283, 0.5246, 0.4210



14.8283, 0.3840, 0.5452



14.8283, 0.1296, 0.1837



14.8283, 0.2087, 0.1672

Sweetspot

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



14.8291, 0.5246, 0.4210



49.9015, 0.3671, 0.3715



8.2253, 0.5063, 0.2568



10.8051, 0.3757, 0.3773



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.



14.8291, 0.5246, 0.4210



26.3706, 0.5282, 0.4188



32.9715, 0.4135, 0.5095



7.6976, 0.3272, 0.3413



11.7113, 0.5246, 0.4217



0.3390, 0.4775, 0.4591

Inverse Universe

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



7.5066, 0.1739, 0.1454



13.0894, 0.1725, 0.1410



2.6704, 0.1515, 0.0612



7.3640, 0.2987, 0.3164



5.9378, 0.1739, 0.1458



0.2188, 0.1934, 0.2161

Previews

White Background



This preview shows how the Yxy color 14.8283, 0.5246, 0.4210 looks on a white background.

Color Contrast Check

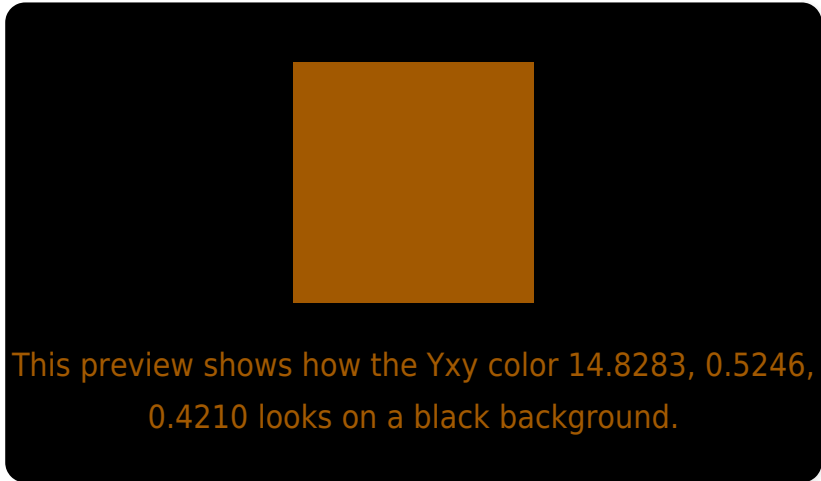
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8283, 0.5246, 0.4210

Background



This preview shows how black text looks on a background with the Yxy color 14.8283, 0.5246, 0.4210.



This preview shows how white text looks on a background with the Yxy color 14.8283, 0.5246, 0.4210.

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

14.8283, 0.5246, 0.4210

Protanopia

14.8918, 0.4357, 0.4820

Deuteranopia

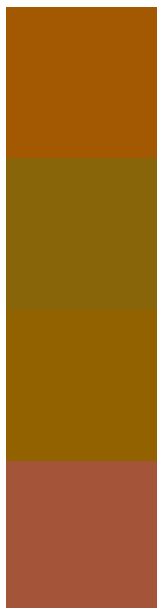
15.0189, 0.4698, 0.4652



Tritanopia

14.9071, 0.4383, 0.3201

Trichromacy



Original Color

14.8283, 0.5246, 0.4210

Protanomaly

14.6454, 0.4700, 0.4583

Deuteranomaly

14.8464, 0.4904, 0.4488

Tritanomaly

14.6849, 0.4864, 0.3702

Monochromacy



Original Color

14.8283, 0.5246, 0.4210

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.1420, 0.4015, 0.3938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8283, 0.5246, 0.4210 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(162, 89, 1)` looks like.

```
.text, #text, p{  
    color:rgb(162, 89, 1)  
}
```

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(162, 89, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 89, 1) }
```

Border

The CSS property to change the border of an element to Yxy 14.8283, 0.5246, 0.4210 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(162, 89, 1) }
```

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

```
.border{ border-color:rgb(162, 89, 1) }
```

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

Here you see how a box with a 4 pixel rgb(162, 89, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 89, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 89, 1);  
box-shadow:4px 4px 4px 4px rgb(162, 89, 1)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.8283, 0.5246, 0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 89, 1) }
```

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

```
.background{ background-color: rgb(162, 89,  
1) }
```

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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