

Converting Colors

$Y_{xy}(14.1436, 0.5295, 0.4177)$

Have a look what the booklet for
Yxy(14.1436, 0.5295, 0.4177)
contains.

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Color

Yxy(14.2326, 0.5293, 0.4179)

Conversions

Conversions Part 1

Format	Color
Hex	A15600
RGB	161, 86, 0
RGB Percent	63%, 34%, 0%
CMY	0.3686, 0.6627, 0.9998
CMYK	0.00, 0.47, 1.00, 0.37
HSL	32°, 100%, 32%
HSV	32°, 100%, 63%
XYZ	18.0266, 14.2326, 1.7982
YIQ	98.6210, 72.3060, -10.8460

Conversions

Conversions Part 2

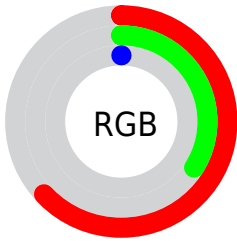
Format	Color
R_{YB}	140, 161, 0
Decimal	10573312
CIE _{Lab}	44.56, 26.22, 53.49
CIE _{LCh}	45, 59.570, 63.888
Y _{xy}	14.2326, 0.5293, 0.4179
Android (android.graphics.Color)	4288763392 (0xFFA15600)
YUV	98.6210, -48.6202, 54.7064
Hunter-Lab	37.7261, 19.2716, 23.5822

Details

The Yxy color **14.2326, 0.5293, 0.4179** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.6123, 0.1746, 0.1484**, and the grayscale version is **12.4896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2962, 0.4854, 0.4101**, and **4.3346, 0.5664, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **14.2299, 0.5293, 0.4179**, and if you desaturate by 10%, it is **15.5327, 0.5097, 0.4222**.

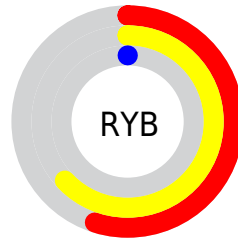
Distribution



Red (63%)

Green (34%)

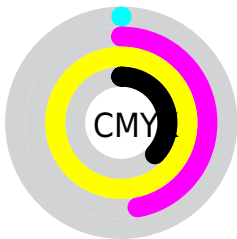
Blue (0%)



Red (55%)

Yellow (63%)

Blue (0%)

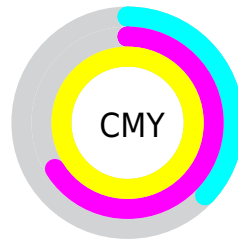


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (37%)



Cyan (37%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2326, 0.5293, 0.4179 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 14.2326, 0.5293, 0.4179 by changing the saturation by 10% instead.


 14.2326, 0.5293,
0.4179


 14.2326, 0.5293,
0.4179


 218.6731, 0.4093,
0.3824


 8.2826, 0.5596,
0.4188


 33.5012, 0.4855,
0.4106


 4.2763, 0.5911,
0.4089

 47.5886, 0.4687,
0.4058

 1.8293, 0.6210,
0.3790

 65.1572, 0.4546,
0.4010

 0.5053, 0.6951,
0.3049

 86.5915, 0.4426,
0.3966


 0.0000, 1.0000,
0.0000


 112.2758, 0.4324,
0.3925


 0.0000, 0.0000,
0.0000


 142.5946, 0.4236,


0.3888


 177.9322, 0.4160,
0.3854


 14.2326, 0.5293,
0.4179


 14.2326, 0.5293,
0.4179


 14.2299, 0.5293,
0.4179

 15.5327, 0.5097,
0.4222

 16.9916, 0.4875,
0.4223

 18.6264, 0.4629,
0.4174

 20.4460, 0.4373,
0.4086

 22.4584, 0.4121,
0.3970

■ 24.6708, 0.3882,
0.3837

■ 27.0900, 0.3661,
0.3697

■ 29.7225, 0.3462,
0.3556

■ 32.5742, 0.3284,
0.3419

Harmonies

Analogous

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



14.2326, 0.5431, 0.3396



14.2326, 0.5293, 0.4179



14.2326, 0.4549, 0.5015

Triad

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



14.2326, 0.5293, 0.4179



14.2326, 0.1647, 0.3762



14.2326, 0.2329, 0.1711

Complementary

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



14.2326, 0.5293, 0.4179



7.6123, 0.1746, 0.1484

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.



14.2326, 0.1605, 0.1612



14.2326, 0.5293, 0.4179



14.2326, 0.1266, 0.2500

Square

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



14.2326, 0.5293, 0.4179



14.2326, 0.2469, 0.5168



14.2326, 0.1268, 0.1832



14.2326, 0.3468, 0.2086

Rectangle

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



14.2326, 0.5293, 0.4179



14.2326, 0.3883, 0.5465



14.2326, 0.1268, 0.1832



14.2326, 0.2040, 0.1646

Sweetspot

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



14.2334, 0.5293, 0.4179



48.2466, 0.3673, 0.3705



8.0887, 0.5077, 0.2570



10.1985, 0.3758, 0.3761



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.



14.2334, 0.5293, 0.4179



25.0844, 0.5319, 0.4159



32.5232, 0.4136, 0.5098



7.6829, 0.3272, 0.3410



11.4466, 0.5282, 0.4188



0.3341, 0.4795, 0.4575

Inverse Universe

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



7.6123, 0.1746, 0.1484



13.2385, 0.1737, 0.1452



2.6092, 0.1512, 0.0607



7.3786, 0.2987, 0.3167



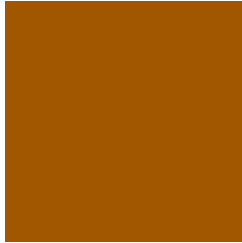
6.1567, 0.1750, 0.1499



0.2237, 0.1942, 0.2192

Previews

White Background



This preview shows how the Yxy color 14.2326, 0.5293, 0.4179 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 14.2326, 0.5293, 0.4179

Background



This preview shows how black text looks on a background with the Yxy color 14.2326, 0.5293, 0.4179.



This preview shows how white text looks on a background with the Yxy color 14.2326, 0.5293, 0.4179.

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

14.2326, 0.5293, 0.4179

Protanopia

14.3302, 0.4358, 0.4814

Deuteranopia

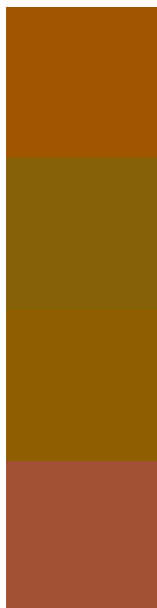
14.3757, 0.4692, 0.4657



Tritanopia

14.3017, 0.4445, 0.3201

Trichromacy



Original Color

14.2326, 0.5293, 0.4179

Protanomaly

14.0921, 0.4711, 0.4579

Deuteranomaly

14.2950, 0.4915, 0.4480

Tritanomaly

14.0970, 0.4918, 0.3685

Monochromacy



Original Color

14.2326, 0.5293, 0.4179

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.5019, 0.4057, 0.3924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2326, 0.5293, 0.4179 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(161, 86, 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(161, 86, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 86, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.2326, 0.5293, 0.4179 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, 0) }
```

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

```
.border{ border-color:rgb(161, 86, 0) }
```

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, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 86, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 86, 0);  
box-shadow:4px 4px 4px 4px rgb(161, 86, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.2326, 0.5293, 0.4179 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, 0) }
```

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

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