

Converting Colors

$Y_{xy}(14.6681, 0.5409, 0.4069)$

Have a look what the booklet for
Yxy(14.6681, 0.5409, 0.4069)
contains.

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Color

Yxy(14.6281, 0.5411, 0.4065)

Conversions

Conversions Part 1

Format	Color
Hex	A95303
RGB	169, 83, 3
RGB Percent	66%, 33%, 1%
CMY	0.3373, 0.6745, 0.9879
CMYK	0.00, 0.51, 0.98, 0.34
HSL	29°, 96%, 34%
HSV	29°, 98%, 66%
XYZ	19.4717, 14.6281, 1.8856
YIQ	99.5940, 76.9360, -6.6480

Conversions

Conversions Part 2

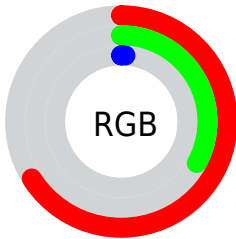
Format	Color
R_{YB}	169, 157, 3
Decimal	11096835
CIE _{Lab}	45.12, 31.30, 53.64
CIE _{LCh}	45, 62.102, 59.732
Yxy	14.6281, 0.5411, 0.4065
Android (android.graphics.Color)	4289286915 (0xFFA95303)
YUV	99.5940, -47.6208, 60.8691
Hunter-Lab	38.2467, 23.9443, 23.8496

Details

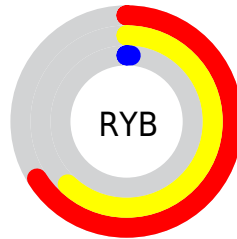
The Yxy color **14.6281, 0.5411, 0.4065** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **10.0411, 0.1805, 0.1681**, and the grayscale version is **12.7470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1994, 0.4948, 0.4031**, and **4.5171, 0.5835, 0.3749** is the 20% darker color. If you saturate the color by 10%, you get **14.3805, 0.5451, 0.4054**, and if you desaturate by 10%, it is **16.0988, 0.5191, 0.4118**.

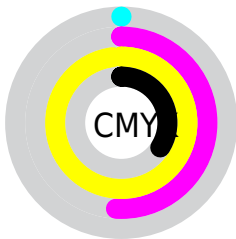
Distribution



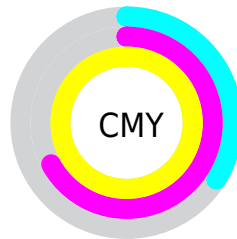
- Red (66%)
- Green (33%)
- Blue (1%)



- Red (66%)
- Yellow (62%)
- Blue (1%)



- Cyan (0%)
- Magenta (51%)
- Yellow (98%)
- Black (34%)




- Cyan (34%)
- Magenta (67%)
- Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6281, 0.5411, 0.4065 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 14.6281, 0.5411, 0.4065 by changing the saturation by 10% instead.


 14.6281, 0.5411,
0.4065


 14.6281, 0.5411,
0.4065


 221.1040, 0.4145,
0.3789

 8.5588, 0.5727,
0.4045


 34.1994, 0.4948,
0.4025


 4.4545, 0.6076,
0.3924

 48.4702, 0.4771,
0.3988


 1.9309, 0.6407,
0.3593

 66.2437, 0.4623,
0.3950

 0.5669, 0.7107,
0.2893

 87.9041, 0.4497,
0.3913


 0.0000, 1.0000,
0.0000

 113.8360, 0.4389,
0.3878


 0.0000, 0.0000,
0.0000


 144.4237, 0.4297,


0.3845

 180.0516, 0.4216,
0.3816

 14.6281, 0.5411,
0.4065

 14.6281, 0.5411,
0.4065

 14.3805, 0.5451,
0.4054

 16.0988, 0.5191,
0.4118

 17.7827, 0.4938,
0.4123

 19.6966, 0.4663,
0.4078

 21.8521, 0.4384,
0.3996

 24.2595, 0.4114,
0.3888

■ 26.9283, 0.3863,
0.3765

■ 29.8674, 0.3635,
0.3637

■ 33.0852, 0.3433,
0.3509

■ 36.5899, 0.3256,
0.3386

Harmonies

Analogous

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



14.6281, 0.5452, 0.3281



14.6281, 0.5411, 0.4065



14.6281, 0.4700, 0.4928

Triad

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



14.6281, 0.5411, 0.4065



14.6281, 0.1694, 0.3993



14.6281, 0.2176, 0.1643

Complementary

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



14.6281, 0.5411, 0.4065



10.0411, 0.1805, 0.1681

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.



14.6281, 0.1499, 0.1583



14.6281, 0.5411, 0.4065



14.6281, 0.1249, 0.2612

Square

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



14.6281, 0.5411, 0.4065



14.6281, 0.2584, 0.5381



14.6281, 0.1206, 0.1855



14.6281, 0.3293, 0.1987

Rectangle

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



14.6281, 0.5411, 0.4065



14.6281, 0.4034, 0.5443



14.6281, 0.1206, 0.1855



14.6281, 0.1902, 0.1590

Sweetspot

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



14.6289, 0.5411, 0.4065



52.7577, 0.3665, 0.3654



9.2667, 0.4765, 0.2412



11.0229, 0.3756, 0.3707



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.



14.6289, 0.5411, 0.4065



25.3409, 0.5478, 0.4033



34.8015, 0.4246, 0.5000



8.1163, 0.3274, 0.3399



10.8245, 0.5434, 0.4067



0.3663, 0.4925, 0.4472

Inverse Universe

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



10.0411, 0.1805, 0.1681



17.0881, 0.1784, 0.1621



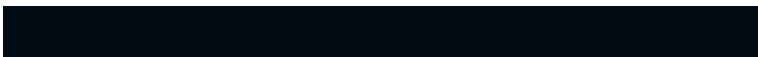
3.0713, 0.1516, 0.0638



7.9196, 0.2987, 0.3179



7.3944, 0.1797, 0.1667



0.2816, 0.1960, 0.2256

Previews

White Background



This preview shows how the Yxy color 14.6281, 0.5411, 0.4065 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 14.6281, 0.5411, 0.4065

Background



This preview shows how black text looks on a background with the Yxy color 14.6281, 0.5411, 0.4065.



This preview shows how white text looks on a background with the Yxy color 14.6281, 0.5411, 0.4065.

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

14.6281, 0.5411, 0.4065

Protanopia

14.8246, 0.4334, 0.4818

Deuteranopia

14.7370, 0.4702, 0.4649



Tritanopia

14.5749, 0.4636, 0.3222

Trichromacy



Original Color

14.6281, 0.5411, 0.4065

Protanomaly

14.3511, 0.4740, 0.4534

Deuteranomaly

14.4825, 0.4979, 0.4421

Tritanomaly

14.3951, 0.5067, 0.3644

Monochromacy



Original Color

14.6281, 0.5411, 0.4065

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.7470, 0.4075, 0.3873

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6281, 0.5411, 0.4065 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(169, 83, 3)` looks like.

```
.text, #text, p{  
  color:rgb(169, 83, 3)  
}
```

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(169, 83, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 83, 3) }
```

Border

The CSS property to change the border of an element to Yxy 14.6281, 0.5411, 0.4065 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(169, 83, 3) }
```

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

```
.border{ border-color:rgb(169, 83, 3) }
```

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

Here you see how a box with a 4 pixel rgb(169, 83, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 83, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 83, 3);  
box-shadow:4px 4px 4px 4px rgb(169, 83, 3)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.6281, 0.5411, 0.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 83, 3) }
```

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

```
.background{ background-color: rgb(169, 83,  
3) }
```

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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