

Converting Colors

$Y_{xy}(10.2587, 0.5225, 0.4233)$

Have a look what the booklet for
Yxy(10.2587, 0.5225, 0.4233)
contains.

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Color

Yxy(10.2664, 0.5225, 0.4234)

Conversions

Conversions Part 1

Format	Color
Hex	884B00
RGB	136, 75, 0
RGB Percent	53%, 29%, 0%
CMY	0.4667, 0.7059, 1.0000
CMYK	0.00, 0.45, 1.00, 0.47
HSL	33°, 100%, 27%
HSV	33°, 100%, 53%
XYZ	12.6693, 10.2664, 1.3118
YIQ	84.6890, 60.4310, -10.3930

Conversions

Conversions Part 2

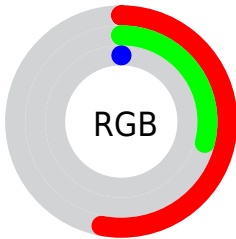
Format	Color
R_{YB}	111, 136, 0
Decimal	8932096
CIE _{Lab}	38.32, 21.29, 47.80
CIE _{LCh}	38, 52.327, 65.992
Yxy	10.2664, 0.5225, 0.4234
Android (android.graphics.Color)	4287122176 (0xFF884B00)
YUV	84.6890, -41.7517, 44.9997
Hunter-Lab	32.0412, 14.5080, 20.0015

Details

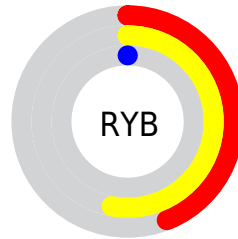
The Yxy color **10.2664, 0.5225, 0.4234** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.1148, 0.1737, 0.1454**, and the grayscale version is **9.0958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.2932, 0.4767, 0.4122**, and **2.6340, 0.5617, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **10.2671, 0.5224, 0.4234**, and if you desaturate by 10%, it is **11.1653, 0.5029, 0.4260**.

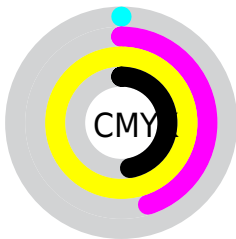
Distribution



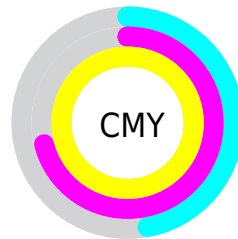
- Red (53%)
- Green (29%)
- Blue (0%)



- Red (44%)
- Yellow (53%)
- Blue (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (100%)
- Black (47%)





- Cyan (47%)
- Magenta (71%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 10.2664, 0.5225, 0.4234 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 10.2664, 0.5225, 0.4234 by changing the saturation by 10% instead.


 10.2664, 0.5225,
0.4234


 10.2664, 0.5225,
0.4234


 192.5630, 0.4005,
0.3809


 5.5759, 0.5630,
0.4314


 26.2954, 0.4762,
0.4130


 2.5890, 0.5873,
0.4127

 38.4027, 0.4589,
0.4070


 0.9211, 0.6234,
0.3766

 53.7511, 0.4447,
0.4014

 0.0000, 1.0000,
0.0000


 72.7249, 0.4328,
0.3964


 0.0000, 0.0000,
0.0000

 95.7087, 0.4228,
0.3918


 123.0867, 0.4142,


0.3877


 155.2433, 0.4069,
0.3841


 10.2664, 0.5225,
0.4234

 10.2664, 0.5225,
0.4234


 10.2671, 0.5224,
0.4234

 11.1653, 0.5029,
0.4260

 12.1638, 0.4815,
0.4251

 13.2751, 0.4579,
0.4195

 14.5047, 0.4335,
0.4101

 15.8576, 0.4093,
0.3982

■ 17.3383, 0.3862,
0.3846

■ 18.9511, 0.3649,
0.3703

■ 20.6999, 0.3455,
0.3561

■ 22.5886, 0.3281,
0.3422

Harmonies

Analogous

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



10.2664, 0.5406, 0.3454



10.2664, 0.5225, 0.4234



10.2664, 0.4470, 0.5048

Triad

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



10.2664, 0.5225, 0.4234



10.2664, 0.1633, 0.3653



10.2664, 0.2410, 0.1751

Complementary

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



10.2664, 0.5225, 0.4234



5.1148, 0.1737, 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.



10.2664, 0.1665, 0.1634



10.2664, 0.5225, 0.4234



10.2664, 0.1282, 0.2454

Square

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



10.2664, 0.5225, 0.4234



10.2664, 0.2418, 0.5047



10.2664, 0.1306, 0.1830



10.2664, 0.3552, 0.2140

Rectangle

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



10.2664, 0.5225, 0.4234



10.2664, 0.3808, 0.5459



10.2664, 0.1306, 0.1830



10.2664, 0.2115, 0.1681

Sweetspot

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



10.2671, 0.5224, 0.4234



33.2046, 0.3662, 0.3713



5.5734, 0.5114, 0.2591



7.4433, 0.3739, 0.3765



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



10.2671, 0.5224, 0.4234



17.7803, 0.5252, 0.4212



22.2916, 0.4108, 0.5120



5.4758, 0.3268, 0.3411



9.7360, 0.5221, 0.4236



0.0940, 0.4683, 0.4663

Inverse Universe

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



5.1148, 0.1737, 0.1454



8.7122, 0.1727, 0.1417



1.8215, 0.1522, 0.0612



5.2375, 0.2991, 0.3166



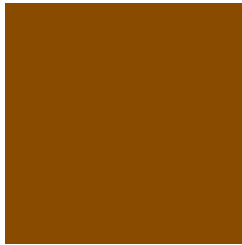
4.8590, 0.1738, 0.1458



0.0608, 0.1962, 0.2261

Previews

White Background



This preview shows how the Yxy color 10.2664, 0.5225, 0.4234 looks on a white background.

Color Contrast Check

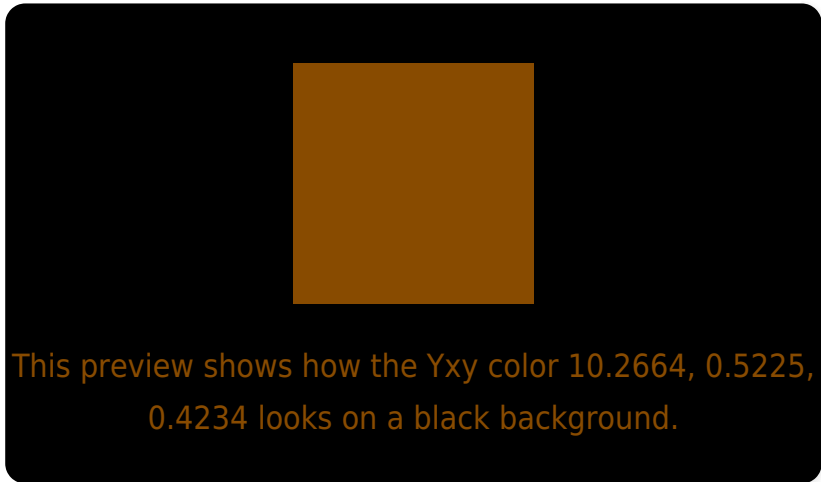
Large Text (above 18pt) WCAG AA ✓ Pass

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

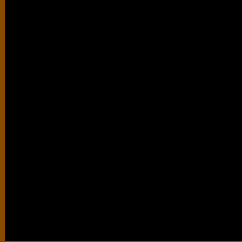
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.2664, 0.5225, 0.4234

Background



This preview shows how black text looks on a background with the Yxy color 10.2664, 0.5225, 0.4234.



This preview shows how white text looks on a background with the Yxy color 10.2664, 0.5225, 0.4234.

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

10.2664, 0.5225, 0.4234

Protanopia

10.3899, 0.4347, 0.4808

Deuteranopia

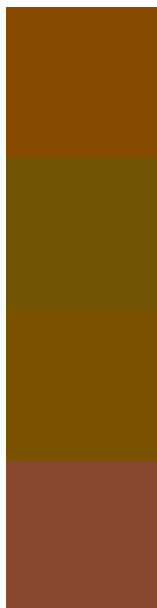
10.3004, 0.4697, 0.4653



Tritanopia

10.3773, 0.4354, 0.3203

Trichromacy



Original Color

10.2664, 0.5225, 0.4234

Protanomaly

10.1572, 0.4680, 0.4590

Deuteranomaly

10.2455, 0.4902, 0.4490

Tritanomaly

10.2514, 0.4821, 0.3707

Monochromacy



Original Color

10.2664, 0.5225, 0.4234

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.0943, 0.4022, 0.3926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.2664, 0.5225, 0.4234 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(136, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 75, 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(136, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 75, 0) }
```

Border

The CSS property to change the border of an element to Yxy 10.2664, 0.5225, 0.4234 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(136, 75, 0) }
```

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

```
.border{ border-color:rgb(136, 75, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 75, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.2664, 0.5225, 0.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 75, 0) }
```

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

```
.background{ background-color: rgb(136, 75,  
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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