

Converting Colors

$Y_{xy}(18.1655, 0.4318, 0.4340)$

Have a look what the booklet for
Yxy(18.1655, 0.4318, 0.4340)
contains.

Yxy(18.1942, 0.4322, 0.4346)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(18.1942, 0.4322, 0.4346)

Conversions

Conversions Part 1

Format	Color
Hex	907232
RGB	144, 114, 50
RGB Percent	56%, 45%, 20%
CMY	0.4353, 0.5529, 0.8039
CMYK	0.00, 0.21, 0.65, 0.44
HSL	41°, 48%, 38%
HSV	41°, 65%, 56%
XYZ	18.0937, 18.1942, 5.5763
YIQ	115.6740, 38.4240, -13.5440

Conversions

Conversions Part 2

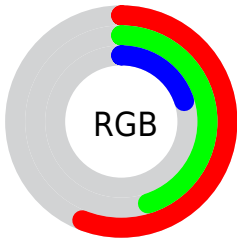
Format	Color
R_{YB}	94, 144, 50
Decimal	9466418
CIE Lab	49.73, 4.31, 39.06
CIE LCh	50, 39.294, 83.707
Yxy	18.1942, 0.4322, 0.4346
Android (android.graphics.Color)	4287656498 (0xFF907232)
YUV	115.6740, -32.3773, 24.8419
Hunter-Lab	42.6547, 1.0725, 22.1072

Details

The Yxy color **18.1942, 0.4322, 0.4346** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.4277, 0.2041, 0.1866**, and the grayscale version is **17.4526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.4526, 0.4065, 0.4141**, and **6.0701, 0.4713, 0.4640** is the 20% darker color. If you saturate the color by 10%, you get **17.0791, 0.4509, 0.4445**, and if you desaturate by 10%, it is **19.4022, 0.4124, 0.4214**.

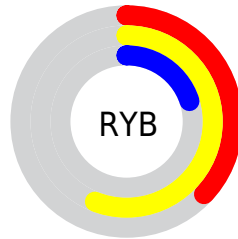
Distribution



Red (56%)

Green (45%)

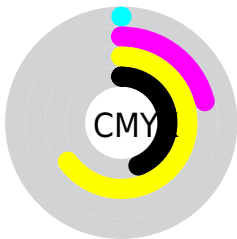
Blue (20%)



Red (37%)

Yellow (56%)

Blue (20%)

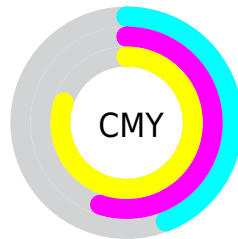


Cyan (0%)

Magenta (21%)

Yellow (65%)

Black (44%)



Cyan (44%)


Magenta (55%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1942, 0.4322, 0.4346 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 18.1942, 0.4322, 0.4346 by changing the saturation by 10% instead.


 18.1942, 0.4322,
0.4346


 18.1942, 0.4322,
0.4346


241.9634, 0.3658,
0.3776

 11.0895, 0.4495,
0.4484


 40.3680, 0.4070,
0.4136


 6.1271, 0.4710,
0.4644

 56.2058, 0.3978,
0.4057


 2.9225, 0.5080,
0.4920

 75.7235, 0.3902,
0.3991

 1.0914, 0.5159,
0.4841

 99.3054, 0.3837,
0.3934

 0.0000, 1.0000,
0.0000

 127.3360, 0.3782,
0.3886

 0.0000, 0.0000,
0.0000

 160.1996, 0.3735,

0.3844

198.2806, 0.3694,
0.3808

■ 18.1942, 0.4322,
0.4346

■ 18.1942, 0.4322,
0.4346

■ 17.0791, 0.4509,
0.4445

■ 19.4022, 0.4124,
0.4214

■ 16.0498, 0.4675,
0.4501

■ 20.7045, 0.3922,
0.4058

■ 15.1011, 0.4814,
0.4511

■ 22.1058, 0.3726,
0.3889

■ 14.6738, 0.4878,
0.4509

■ 23.6093, 0.3539,
0.3715

■ 25.2184, 0.3365,
0.3542

■ 26.9360, 0.3205,
0.3375

■ 28.7649, 0.3061,
0.3216

■ 30.7080, 0.2930,
0.3067

■ 32.7676, 0.2814,
0.2929

Harmonies

Analogous

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



18.1942, 0.4611, 0.3829



18.1942, 0.4322, 0.4346



18.1942, 0.3728, 0.4659

Triad

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



18.1942, 0.4322, 0.4346



18.1942, 0.1950, 0.3084



18.1942, 0.3101, 0.2374

Complementary

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



18.1942, 0.4322, 0.4346



8.4277, 0.2041, 0.1866

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.



18.1942, 0.2427, 0.2170



18.1942, 0.4322, 0.4346



18.1942, 0.1831, 0.2490

Square

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



18.1942, 0.4322, 0.4346



18.1942, 0.2362, 0.3878



18.1942, 0.1993, 0.2195



18.1942, 0.3870, 0.2764

Rectangle

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



18.1942, 0.4322, 0.4346



18.1942, 0.3252, 0.4628



18.1942, 0.1993, 0.2195



18.1942, 0.2855, 0.2283

Sweetspot

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



18.1951, 0.4322, 0.4346



43.0026, 0.3453, 0.3631



8.8094, 0.4453, 0.2774



9.6990, 0.3497, 0.3674



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



18.1951, 0.4322, 0.4346



29.3231, 0.4584, 0.4475



24.7891, 0.3819, 0.4855



5.9992, 0.3266, 0.3439



12.8231, 0.4873, 0.4513



0.1625, 0.4505, 0.4805

Inverse Universe

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



8.4277, 0.2041, 0.1866



10.8833, 0.1835, 0.1511



5.4420, 0.2057, 0.1333



5.5184, 0.2990, 0.3136



3.4899, 0.1635, 0.1087



0.0697, 0.1860, 0.1897

Previews

White Background



This preview shows how the Yxy color 18.1942, 0.4322, 0.4346 looks on a white background.

Color Contrast Check

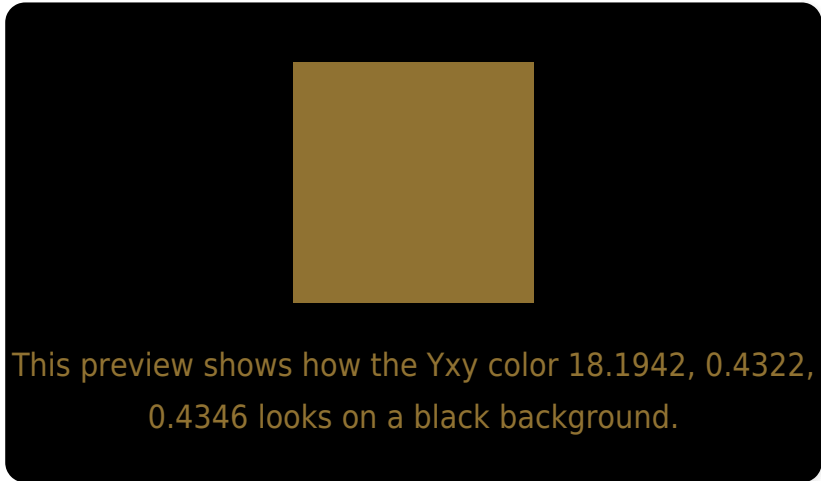
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

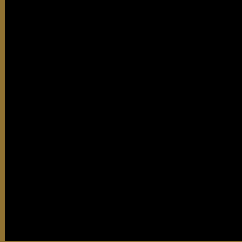
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1942, 0.4322, 0.4346

Background



This preview shows how black text looks on a background with the Yxy color 18.1942, 0.4322, 0.4346.



This preview shows how white text looks on a background with the Yxy color 18.1942, 0.4322, 0.4346.

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

18.1942, 0.4322, 0.4346

Protanopia

18.3382, 0.4092, 0.4490

Deuteranopia

18.2436, 0.4375, 0.4311



Tritanopia

18.1428, 0.3607, 0.3154

Trichromacy



Original Color

18.1942, 0.4322, 0.4346

Protanomaly

18.1958, 0.4169, 0.4433

Deuteranomaly

18.1515, 0.4361, 0.4318

Tritanomaly

18.1102, 0.3902, 0.3624

Monochromacy



Original Color

18.1942, 0.4322, 0.4346

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.4698, 0.3565, 0.3736

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1942, 0.4322, 0.4346 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(144, 114, 50)` looks like.

```
.text, #text, p{  
    color:rgb(144, 114, 50)  
}
```

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(144, 114, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 114, 50) }
```

Border

The CSS property to change the border of an element to Yxy 18.1942, 0.4322, 0.4346 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(144, 114, 50) }
```

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

```
.border{ border-color:rgb(144, 114, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 114, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 114, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 114, 50);  
box-shadow:4px 4px 4px 4px rgb(144, 114,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1942, 0.4322, 0.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 114, 50) }
```

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

```
.background{ background-color: rgb(144,  
114, 50) }
```

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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