

Converting Colors

$Y_{xy}(18.7925, 0.4273, 0.4397)$

Have a look what the booklet for
Yxy(18.7925, 0.4273, 0.4397)
contains.

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Color

Yxy(18.7925, 0.4273, 0.4397)

Conversions

Conversions Part 1

Format	Color
Hex	8F7532
RGB	143, 117, 50
RGB Percent	56%, 46%, 20%
CMY	0.4393, 0.5411, 0.8038
CMYK	0.00, 0.18, 0.65, 0.44
HSL	43°, 48%, 38%
HSV	43°, 65%, 56%
XYZ	18.2625, 18.7925, 5.6843
YIQ	117.1360, 37.0030, -15.3250

Conversions

Conversions Part 2

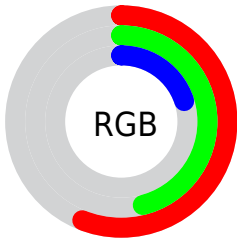
Format	Color
RYB	86, 143, 50
Decimal	9401650
CIELab	50.44, 2.13, 39.81
CIELCh	50, 39.866, 86.942
Yxy	18.7925, 0.4273, 0.4397
Android (android.graphics.Color)	4287591730 (0xFF8F7532)
YUV	117.1360, -33.0980, 22.6827
Hunter-Lab	43.3503, -0.6649, 22.5708

Details

The Yxy color **18.7925, 0.4273, 0.4397** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.8285, 0.2026, 0.1791**, and the grayscale version is **17.9301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4189, 0.4036, 0.4179**, and **6.3801, 0.4618, 0.4715** is the 20% darker color. If you saturate the color by 10%, you get **17.7775, 0.4445, 0.4503**, and if you desaturate by 10%, it is **19.8876, 0.4088, 0.4257**.

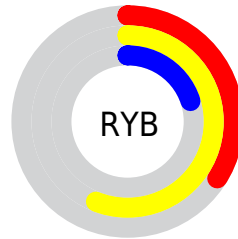
Distribution



Red (56%)

Green (46%)

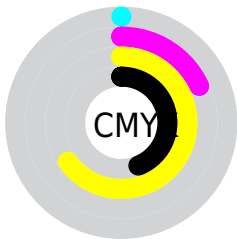
Blue (20%)



Red (34%)

Yellow (56%)

Blue (20%)

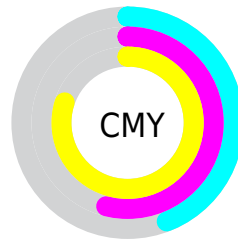


Cyan (0%)

Magenta (18%)

Yellow (65%)

Black (44%)



Cyan (44%)


Magenta (54%)


Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7925, 0.4273, 0.4397 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 18.7925, 0.4273, 0.4397 by changing the saturation by 10% instead.


 18.7925, 0.4273,
0.4397


 18.7925, 0.4273,
0.4397


 245.3008, 0.3643,
0.3797


 11.5204, 0.4434,
0.4545


 41.3832, 0.4036,
0.4175


 6.4180, 0.4629,
0.4719


 57.4706, 0.3949,
0.4091


 3.1009, 0.4974,
0.5026

 77.2652, 0.3876,
0.4022

 1.1846, 0.5012,
0.4988

 101.1515, 0.3814,
0.3962

 0.0491, 0.6675,
0.3325

 129.5138, 0.3762,
0.3912

 0.0000, 0.0000,
0.0000

 162.7365, 0.3717,

0.3868

201.2041, 0.3677,
0.3830

■ 18.7925, 0.4273,
0.4397

■ 18.7925, 0.4273,
0.4397

■ 17.7775, 0.4445,
0.4503

■ 19.8876, 0.4088,
0.4257

■ 16.8356, 0.4595,
0.4568

■ 21.0639, 0.3898,
0.4094

■ 15.9623, 0.4718,
0.4587

■ 22.3255, 0.3710,
0.3917

■ 15.5458, 0.4776,
0.4590

■ 23.6756, 0.3529,
0.3734

■ 25.1172, 0.3358,
0.3552

■ 26.6528, 0.3201,
0.3375

■ 28.2852, 0.3057,
0.3208

■ 30.0167, 0.2927,
0.3050

■ 31.8497, 0.2810,
0.2904

Harmonies

Analogous

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



18.7925, 0.4605, 0.3890



18.7925, 0.4273, 0.4397



18.7925, 0.3655, 0.4675

Triad

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



18.7925, 0.4273, 0.4397



18.7925, 0.1919, 0.3005



18.7925, 0.3183, 0.2405

Complementary

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



18.7925, 0.4273, 0.4397



7.8285, 0.2026, 0.1791

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.



18.7925, 0.2487, 0.2178



18.7925, 0.4273, 0.4397



18.7925, 0.1831, 0.2441

Square

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



18.7925, 0.4273, 0.4397



18.7925, 0.2301, 0.3794



18.7925, 0.2023, 0.2177



18.7925, 0.3951, 0.2813

Rectangle

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



18.7925, 0.4273, 0.4397



18.7925, 0.3173, 0.4605



18.7925, 0.2023, 0.2177



18.7925, 0.2932, 0.2307

Sweetspot

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



18.7934, 0.4273, 0.4397



43.5777, 0.3449, 0.3650



8.6475, 0.4552, 0.2856



9.8457, 0.3492, 0.3696



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.



18.7934, 0.4273, 0.4397



31.0485, 0.4517, 0.4539



24.0686, 0.3761, 0.4882



6.0342, 0.3265, 0.3448



13.7858, 0.4773, 0.4592



0.1690, 0.4458, 0.4843

Inverse Universe

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



7.8285, 0.2026, 0.1791



9.9838, 0.1810, 0.1415



5.5735, 0.2116, 0.1366



5.4851, 0.2990, 0.3127



3.1242, 0.1609, 0.0992



0.0632, 0.1825, 0.1771

Previews

White Background



This preview shows how the Yxy color 18.7925, 0.4273, 0.4397 looks on a white 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

Black Background



This preview shows how the Yxy color 18.7925, 0.4273, 0.4397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

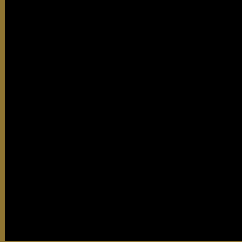
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7925, 0.4273, 0.4397

Background



This preview shows how black text looks on a background with the Yxy color 18.7925, 0.4273, 0.4397.



This preview shows how white text looks on a background with the Yxy color 18.7925, 0.4273, 0.4397.

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

18.7925, 0.4273, 0.4397

Protanopia

18.7403, 0.4109, 0.4491

Deuteranopia

18.6632, 0.4380, 0.4300



Tritanopia

18.7558, 0.3541, 0.3154

Trichromacy



Original Color

18.7925, 0.4273, 0.4397

Protanomaly

18.7510, 0.4160, 0.4455

Deuteranomaly

18.7035, 0.4341, 0.4328

Tritanomaly

18.7116, 0.3841, 0.3642

Monochromacy



Original Color

18.7925, 0.4273, 0.4397

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.9485, 0.3543, 0.3754

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7925, 0.4273, 0.4397 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(143, 117, 50)` looks like.

```
.text, #text, p{  
    color:rgb(143, 117, 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(143, 117, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 117, 50) }
```

Border

The CSS property to change the border of an element to Yxy 18.7925, 0.4273, 0.4397 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(143, 117, 50) }
```

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

```
.border{ border-color:rgb(143, 117, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 117, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 117, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 117, 50);  
box-shadow:4px 4px 4px 4px rgb(143, 117,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7925, 0.4273, 0.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 117, 50) }
```

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

```
.background{ background-color: rgb(143,  
117, 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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