

Converting Colors

$Y_{xy}(19.1456, 0.4219, 0.4173)$

Have a look what the booklet for
Yxy(19.1456, 0.4219, 0.4173)
contains.

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Color

Yxy(19.1456, 0.4219, 0.4173)

Conversions

Conversions Part 1

Format	Color
Hex	94743F
RGB	148, 116, 63
RGB Percent	58%, 45%, 25%
CMY	0.4196, 0.5451, 0.7529
CMYK	0.00, 0.22, 0.57, 0.42
HSL	37°, 40%, 41%
HSV	37°, 57%, 58%
XYZ	19.3566, 19.1456, 7.3775
YIQ	119.5260, 36.0850, -9.6990

Conversions

Conversions Part 2

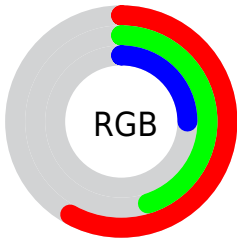
Format	Color
R_{YB}	114, 148, 63
Decimal	9729087
CIE _{Lab}	50.86, 5.99, 33.74
CIE _{LCh}	51, 34.264, 79.925
Yxy	19.1456, 0.4219, 0.4173
Android (android.graphics.Color)	4287919167 (0xFF94743F)
YUV	119.5260, -27.8673, 24.9717
Hunter-Lab	43.7557, 2.3924, 20.6324

Details

The Yxy color **19.1456, 0.4219, 0.4173** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.3810, 0.2189, 0.2169**, and the grayscale version is **18.7058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0125, 0.3981, 0.3998**, and **6.6046, 0.4621, 0.4436** is the 20% darker color. If you saturate the color by 10%, you get **17.7561, 0.4437, 0.4288**, and if you desaturate by 10%, it is **20.6585, 0.4000, 0.4033**.

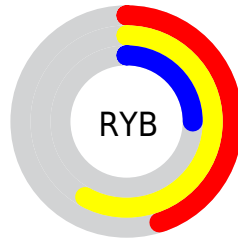
Distribution



Red (58%)

Green (45%)

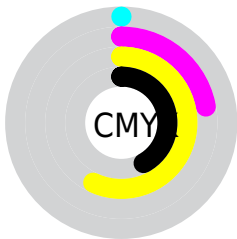
Blue (25%)



Red (45%)

Yellow (58%)

Blue (25%)

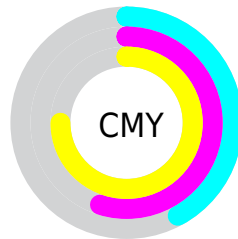


Cyan (0%)

Magenta (22%)

Yellow (57%)

Black (42%)



Cyan (42%)


Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1456, 0.4219, 0.4173 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 19.1456, 0.4219, 0.4173 by changing the saturation by 10% instead.


 19.1456, 0.4219,
0.4173


 19.1456, 0.4219,
0.4173

247.2514, 0.3607,
0.3695


 11.7755, 0.4388,
0.4293


 41.9800, 0.3982,
0.3995


 6.5910, 0.4606,
0.4439


 58.2131, 0.3897,
0.3929


 3.2077, 0.5032,
0.4738

 78.1693, 0.3827,
0.3874

 1.2411, 0.5251,
0.4749

 102.2331, 0.3769,
0.3827

 0.0949, 0.7137,
0.2863

 130.7888, 0.3719,
0.3787

 0.0000, 0.0000,
0.0000

 164.2208, 0.3676,

0.3752

202.9135, 0.3639,
0.3722

■ 19.1456, 0.4219,
0.4173

■ 19.1456, 0.4219,
0.4173

■ 17.7561, 0.4437,
0.4288

■ 20.6585, 0.4000,
0.4033

■ 16.4823, 0.4645,
0.4367

■ 22.2967, 0.3788,
0.3878

■ 15.3195, 0.4832,
0.4401

■ 24.0652, 0.3589,
0.3717

■ 14.2587, 0.4992,
0.4390

■ 25.9680, 0.3406,
0.3556

■ 13.9996, 0.5033,
0.4386

■ 28.0089, 0.3240,
0.3401

■ 30.1914, 0.3090,
0.3253

■ 32.5188, 0.2957,
0.3114

■ 34.9946, 0.2839,
0.2986

■ 37.6216, 0.2734,
0.2867

Harmonies

Analogous

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



19.1456, 0.4412, 0.3720



19.1456, 0.4219, 0.4173



19.1456, 0.3737, 0.4451

Triad

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



19.1456, 0.4219, 0.4173



19.1456, 0.2134, 0.3205



19.1456, 0.3028, 0.2454

Complementary

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



19.1456, 0.4219, 0.4173



11.3810, 0.2189, 0.2169

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.



19.1456, 0.2461, 0.2298



19.1456, 0.4219, 0.4173



19.1456, 0.1990, 0.2658

Square

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



19.1456, 0.4219, 0.4173



19.1456, 0.2534, 0.3873



19.1456, 0.2103, 0.2356



19.1456, 0.3688, 0.2784

Rectangle

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



19.1456, 0.4219, 0.4173



19.1456, 0.3329, 0.4444



19.1456, 0.2103, 0.2356



19.1456, 0.2821, 0.2380

Sweetspot

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



19.1465, 0.4219, 0.4173



45.8463, 0.3404, 0.3555



10.6886, 0.4129, 0.2744



10.3246, 0.3436, 0.3583



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



19.1465, 0.4219, 0.4173



30.6434, 0.4500, 0.4316



26.9529, 0.3811, 0.4673



6.3814, 0.3268, 0.3428



12.0096, 0.5026, 0.4391



0.2039, 0.4579, 0.4746

Inverse Universe

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



11.3810, 0.2189, 0.2169



15.6433, 0.1992, 0.1864



7.1065, 0.2152, 0.1550



5.9695, 0.2989, 0.3148



4.2688, 0.1677, 0.1237



0.1057, 0.1908, 0.2067

Previews

White Background



This preview shows how the Yxy color 19.1456, 0.4219, 0.4173 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 19.1456, 0.4219, 0.4173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

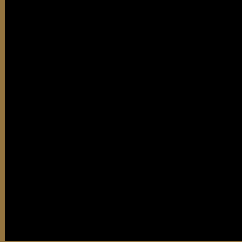
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1456, 0.4219, 0.4173

Background



This preview shows how black text looks on a background with the Yxy color 19.1456, 0.4219, 0.4173.



This preview shows how white text looks on a background with the Yxy color 19.1456, 0.4219, 0.4173.

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

19.1456, 0.4219, 0.4173

Protanopia

19.1247, 0.3959, 0.4297

Deuteranopia

19.2392, 0.4232, 0.4168



Tritanopia

19.2322, 0.3609, 0.3158

Trichromacy



Original Color

19.1456, 0.4219, 0.4173

Protanomaly

19.0528, 0.4056, 0.4254

Deuteranomaly

19.2392, 0.4232, 0.4168

Tritanomaly

19.0495, 0.3848, 0.3531

Monochromacy



Original Color

19.1456, 0.4219, 0.4173

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.8403, 0.3514, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1456, 0.4219, 0.4173 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(148, 116, 63)` looks like.

```
.text, #text, p{  
    color:rgb(148, 116, 63)  
}
```

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(148, 116, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 116, 63) }
```

Border

The CSS property to change the border of an element to Yxy 19.1456, 0.4219, 0.4173 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(148, 116, 63) }
```

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

```
.border{ border-color:rgb(148, 116, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 116, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 116, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 116, 63);  
box-shadow:4px 4px 4px 4px rgb(148, 116,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1456, 0.4219, 0.4173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 116, 63) }
```

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

```
.background{ background-color: rgb(148,  
116, 63) }
```

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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