

Converting Colors

$Y_{xy}(16.2384, 0.4187, 0.3425)$

Have a look what the booklet for
Yxy(16.2384, 0.4187, 0.3425)
contains.

Yxy(16.2384, 0.4187, 0.3425)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.2384, 0.4187, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	9D6058
RGB	157, 96, 88
RGB Percent	62%, 38%, 35%
CMY	0.3843, 0.6235, 0.6549
CMYK	0.00, 0.39, 0.44, 0.38
HSL	7°, 28%, 48%
HSV	7°, 44%, 62%
XYZ	19.8511, 16.2384, 11.3218
YIQ	113.3270, 38.9240, 10.4440

Conversions

Conversions Part 2

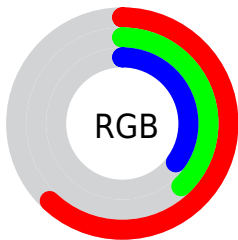
Format	Color
RYB	157, 97, 88
Decimal	10313816
CIELab	47.29, 23.87, 15.07
CIElCh	47, 28.229, 32.255
Yxy	16.2384, 0.4187, 0.3425
Android (android.graphics.Color)	4288503896 (0xFF9D6058)
YUV	113.3270, -12.4862, 38.3012
Hunter-Lab	40.2969, 17.4135, 11.5497

Details

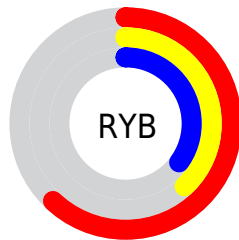
The Yxy color **16.2384, 0.4187, 0.3425** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0124, 0.2523, 0.3145**, and the grayscale version is **16.6454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9986, 0.3934, 0.3404**, and **5.1719, 0.4672, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **13.6929, 0.4565, 0.3451**, and if you desaturate by 10%, it is **19.2889, 0.3863, 0.3394**.

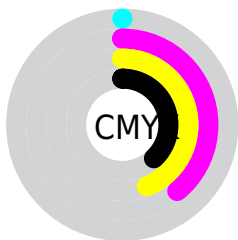
Distribution



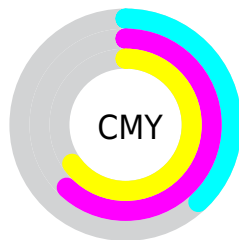
- Red (62%)
- Green (38%)
- Blue (35%)



- Red (62%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)
- Black (38%)




- Cyan (38%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.2384, 0.4187, 0.3425 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 16.2384, 0.4187, 0.3425 by changing the saturation by 10% instead.


 16.2384, 0.4187,
0.3425


 16.2384, 0.4187,
0.3425

230.7444, 0.3559,
0.3367


 9.6930, 0.4387,
0.3431


 37.0116, 0.3930,
0.3409


 5.1959, 0.4675,
0.3428

 52.0082, 0.3843,
0.3401


 2.3627, 0.5121,
0.3396

 70.5906, 0.3772,
0.3393

 0.8066, 0.6439,
0.3561

 93.1433, 0.3715,
0.3387

 0.0000, 1.0000,
0.0000

 120.0506, 0.3666,
0.3381

 0.0000, 0.0000,
0.0000

151.6970, 0.3625,

0.3376

188.4668, 0.3590,
0.3371

■ 16.2384, 0.4187,
0.3425

■ 16.2384, 0.4187,
0.3425

■ 13.6929, 0.4565,
0.3451

■ 19.2889, 0.3863,
0.3394

■ 11.6230, 0.4987,
0.3467

■ 22.8673, 0.3593,
0.3362

■ 9.9995, 0.5424,
0.3468


■ 26.9976, 0.3371,
0.3331


■ 8.7895, 0.5829,
0.3448

■ 31.7020, 0.3189,
0.3301

■ 7.9550, 0.6142,
0.3407

■ 37.0013, 0.3041,
0.3274

 7.6079, 0.6290,
0.3388

 42.9152, 0.2919,
0.3249

 49.4627, 0.2818,
0.3226

 56.6618, 0.2734,
0.3206

 64.5298, 0.2664,
0.3188

Harmonies

Analogous

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



16.2384, 0.3831, 0.3001



16.2384, 0.4187, 0.3425



16.2384, 0.4220, 0.3856

Triad

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



16.2384, 0.4187, 0.3425



16.2384, 0.2904, 0.4076



16.2384, 0.2328, 0.2420

Complementary

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



16.2384, 0.4187, 0.3425



26.0124, 0.2523, 0.3145

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.



16.2384, 0.2134, 0.2604



16.2384, 0.4187, 0.3425



16.2384, 0.2440, 0.3562

Square

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



16.2384, 0.4187, 0.3425



16.2384, 0.3454, 0.4309



16.2384, 0.2170, 0.3006



16.2384, 0.2732, 0.2446

Rectangle

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



16.2384, 0.4187, 0.3425



16.2384, 0.4063, 0.4101



16.2384, 0.2170, 0.3006



16.2384, 0.2239, 0.2457

Sweetspot

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



16.2392, 0.4187, 0.3425



48.8961, 0.3357, 0.3329



16.3557, 0.3268, 0.2333



10.4005, 0.3399, 0.3335



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



16.2392, 0.4187, 0.3425



24.4889, 0.4568, 0.3451



23.6832, 0.3941, 0.3959



6.7637, 0.3281, 0.3317



6.2084, 0.6281, 0.3395



0.1425, 0.5827, 0.3756

Inverse Universe

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



26.0124, 0.2523, 0.3145



44.3122, 0.2415, 0.3107



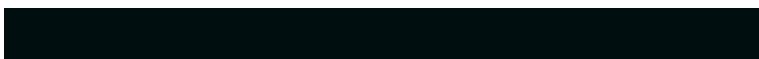
16.9108, 0.2416, 0.2504



7.3783, 0.2988, 0.3263



16.9672, 0.2147, 0.2929



0.3369, 0.2191, 0.3086

Previews

White Background



This preview shows how the Yxy color 16.2384, 0.4187, 0.3425 looks on a white background.

Color Contrast Check

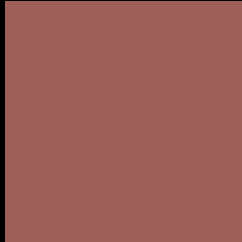
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 16.2384, 0.4187, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

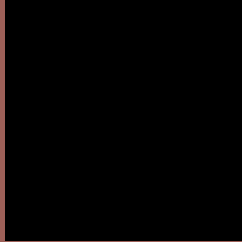
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.2384, 0.4187, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 16.2384, 0.4187, 0.3425.

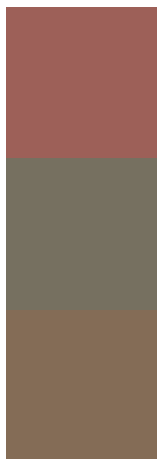


This preview shows how white text looks on a background with the Yxy color 16.2384, 0.4187, 0.3425.

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

16.2384, 0.4187, 0.3425

Protanopia

16.2844, 0.3412, 0.3614

Deuteranopia

16.3025, 0.3768, 0.3710



Tritanopia

16.2141, 0.4008, 0.3177

Trichromacy



Original Color

16.2384, 0.4187, 0.3425

Protanomaly

16.0039, 0.3681, 0.3539

Deuteranomaly

16.2515, 0.3912, 0.3601

Tritanomaly

16.2980, 0.4082, 0.3276

Monochromacy



Original Color

16.2384, 0.4187, 0.3425

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.1820, 0.3478, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2384, 0.4187, 0.3425 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(157, 96, 88)` looks like.

```
.text, #text, p{  
    color:rgb(157, 96, 88)  
}
```

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(157, 96, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 96, 88) }
```

Border

The CSS property to change the border of an element to Yxy 16.2384, 0.4187, 0.3425 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(157, 96, 88) }
```

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

```
.border{ border-color:rgb(157, 96, 88) }
```

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

Here you see how a box with a 4 pixel rgb(157, 96, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 96, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 96, 88);  
box-shadow:4px 4px 4px 4px rgb(157, 96,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 16.2384, 0.4187, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 96, 88) }
```

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

```
.background{ background-color: rgb(157, 96,  
88) }
```

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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