

Converting Colors

$Yxy(16.8860, 0.3693, 0.3469)$

Have a look what the booklet for
Yxy(16.8860, 0.3693, 0.3469)
contains.

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Color

Yxy(16.8005, 0.3692, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	8A6B62
RGB	138, 107, 98
RGB Percent	54%, 42%, 38%
CMY	0.4589, 0.5804, 0.6156
CMYK	0.00, 0.22, 0.29, 0.46
HSL	13°, 17%, 46%
HSV	13°, 29%, 54%
XYZ	17.9426, 16.8005, 13.8554
YIQ	115.2430, 21.3650, 3.7730

Conversions

Conversions Part 2

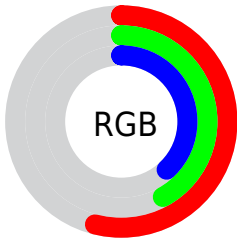
Format	Color
R_{YB}	138, 110, 98
Decimal	9071458
CIE Lab	48.01, 10.93, 9.76
CIE LCh	48, 14.655, 41.765
Yxy	16.8005, 0.3692, 0.3457
Android (android.graphics.Color)	4287261538 (0xFF8A6B62)
YUV	115.2430, -8.5008, 19.9579
Hunter-Lab	40.9884, 6.4082, 8.6499

Details

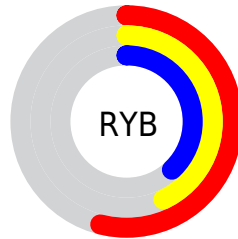
The Yxy color **16.8005, 0.3692, 0.3457** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1311, 0.2705, 0.3116**, and the grayscale version is **17.2439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8301, 0.3552, 0.3412**, and **5.5059, 0.3938, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **14.4687, 0.3963, 0.3518**, and if you desaturate by 10%, it is **19.4546, 0.3463, 0.3397**.

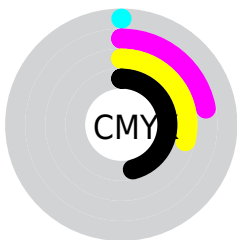
Distribution



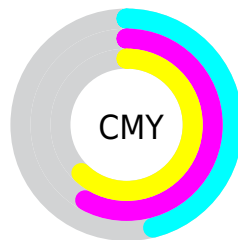
- Red (54%)
- Green (42%)
- Blue (38%)



- Red (54%)
- Yellow (43%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (46%)



- Cyan (46%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.8005, 0.3692, 0.3457 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 16.8005, 0.3692, 0.3457 by changing the saturation by 10% instead.


 16.8005, 0.3692,
0.3457


 16.8005, 0.3692,
0.3457


234.0201, 0.3359,
0.3366


 10.0924, 0.3798,
0.3482


 37.9824, 0.3556,
0.3422


 5.4602, 0.3953,
0.3515

 53.2250, 0.3510,
0.3409

 2.5197, 0.4197,
0.3559

 72.0812, 0.3473,
0.3399

 0.8865, 0.4934,
0.3841

 94.9354, 0.3442,
0.3390

 0.0000, 1.0000,
0.0000

122.1720, 0.3416,
0.3383

 0.0000, 0.0000,
0.0000

154.1754, 0.3394,

0.3376

191.3299, 0.3376,
0.3370

■ 16.8005, 0.3692,
0.3457

■ 16.8005, 0.3692,
0.3457

■ 14.4687, 0.3963,
0.3518

■ 19.4546, 0.3463,
0.3397

■ 12.4446, 0.4278,
0.3574

■ 22.4404, 0.3272,
0.3339

■ 10.7158, 0.4635,
0.3620

■ 25.7697, 0.3112,
0.3285

■ 9.2682, 0.5021,
0.3647

■ 29.4530, 0.2978,
0.3235

■ 8.0865, 0.5410,
0.3646

■ 33.5004, 0.2866,
0.3189

■ 7.1537, 0.5765,
0.3610

■ 37.9216, 0.2772,
0.3147

■ 6.4464, 0.6062,
0.3550

■ 42.7260, 0.2692,
0.3109

■ 6.3847, 0.6092,
0.3545

■ 47.9224, 0.2624,
0.3075

■ 53.5197, 0.2565,
0.3044

Harmonies

Analogous

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



16.8005, 0.3559, 0.3216



16.8005, 0.3692, 0.3457



16.8005, 0.3664, 0.3669

Triad

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



16.8005, 0.3692, 0.3457



16.8005, 0.2935, 0.3607



16.8005, 0.2763, 0.2815

Complementary

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



16.8005, 0.3692, 0.3457



20.1311, 0.2705, 0.3116

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.



16.8005, 0.2613, 0.2891



16.8005, 0.3692, 0.3457



16.8005, 0.2709, 0.3345

Square

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



16.8005, 0.3692, 0.3457



16.8005, 0.3220, 0.3774



16.8005, 0.2594, 0.3081



16.8005, 0.3014, 0.2857

Rectangle

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



16.8005, 0.3692, 0.3457



16.8005, 0.3561, 0.3765



16.8005, 0.2594, 0.3081



16.8005, 0.2700, 0.2827

Sweetspot

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



16.8013, 0.3692, 0.3457



39.4388, 0.3276, 0.3340



15.7338, 0.3276, 0.2737



8.6877, 0.3299, 0.3347



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.



16.8013, 0.3692, 0.3457



26.7727, 0.3871, 0.3498



21.3760, 0.3598, 0.3802



5.2194, 0.3275, 0.3340



5.8742, 0.6086, 0.3550



0.0578, 0.5401, 0.4093

Inverse Universe

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



20.1311, 0.2705, 0.3116



33.6592, 0.2612, 0.3069



15.4419, 0.2664, 0.2719



5.5010, 0.2991, 0.3240



11.3364, 0.2047, 0.2569



0.0970, 0.2152, 0.2945

Previews

White Background



This preview shows how the Yxy color 16.8005, 0.3692, 0.3457 looks on a white background.

Color Contrast Check

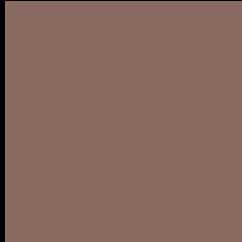
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8005, 0.3692, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

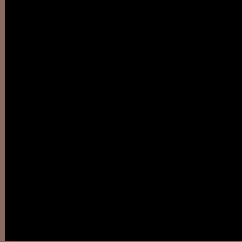
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.8005, 0.3692, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 16.8005, 0.3692, 0.3457.

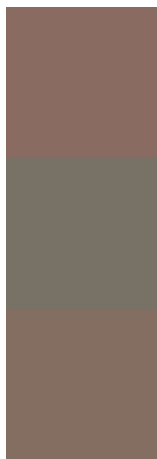


This preview shows how white text looks on a background with the Yxy color 16.8005, 0.3692, 0.3457.

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

16.8005, 0.3692, 0.3457

Protanopia

16.8962, 0.3356, 0.3550

Deuteranopia

16.8402, 0.3592, 0.3538



Tritanopia

16.8709, 0.3516, 0.3147

Trichromacy



Original Color

16.8005, 0.3692, 0.3457

Protanomaly

16.7246, 0.3476, 0.3504

Deuteranomaly

16.8687, 0.3639, 0.3516

Tritanomaly

16.8797, 0.3569, 0.3255

Monochromacy



Original Color

16.8005, 0.3692, 0.3457

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.9034, 0.3313, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.8005, 0.3692, 0.3457 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(138, 107, 98)` looks like.

```
.text, #text, p{  
    color:rgb(138, 107, 98)  
}
```

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(138, 107, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 107, 98) }
```

Border

The CSS property to change the border of an element to Yxy 16.8005, 0.3692, 0.3457 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(138, 107, 98) }
```

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

```
.border{ border-color:rgb(138, 107, 98) }
```

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

Here you see how a box with a 4 pixel rgb(138, 107, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 107, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 107, 98);  
box-shadow:4px 4px 4px 4px rgb(138, 107,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 16.8005, 0.3692, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 107, 98) }
```

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

```
.background{ background-color: rgb(138,  
107, 98) }
```

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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