

Converting Colors

$Yxy(16.3324, 0.4067, 0.3256)$

Have a look what the booklet for
Yxy(16.3324, 0.4067, 0.3256)
contains.

Yxy(16.3166, 0.4066, 0.3260)	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(16.3166, 0.4066, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	9E5F61
RGB	158, 95, 97
RGB Percent	62%, 37%, 38%
CMY	0.3804, 0.6274, 0.6196
CMYK	0.00, 0.40, 0.39, 0.38
HSL	358°, 25%, 50%
HSV	358°, 40%, 62%
XYZ	20.3507, 16.3166, 13.3836
YIQ	114.0650, 36.9060, 13.9780

Conversions

Conversions Part 2

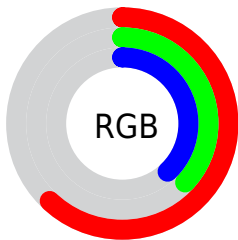
Format	Color
R_{YB}	158, 95, 97
Decimal	10379105
CIE _{Lab}	47.39, 25.90, 9.85
CIE _{LCh}	47, 27.711, 20.814
Yxy	16.3166, 0.4066, 0.3260
Android (android.graphics.Color)	4288569185 (0xFF9E5F61)
YUV	114.0650, -8.4130, 38.5310
Hunter-Lab	40.3938, 19.2405, 8.6312

Details

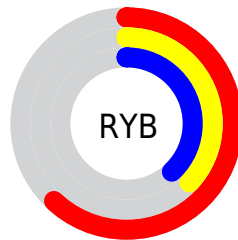
The Yxy color **16.3166, 0.4066, 0.3260** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.2891, 0.2604, 0.3323**, and the grayscale version is **16.8655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.9920, 0.3829, 0.3267**, and **5.2151, 0.4495, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **13.4953, 0.4442, 0.3254**, and if you desaturate by 10%, it is **19.7720, 0.3752, 0.3267**.

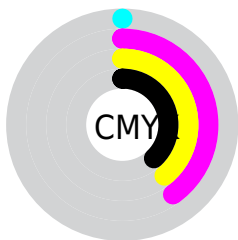
Distribution



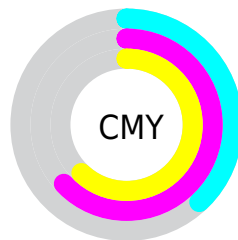
- Red (62%)
- Green (37%)
- Blue (38%)



- Red (62%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (38%)





- Cyan (38%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.3166, 0.4066, 0.3260 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 16.3166, 0.4066, 0.3260 by changing the saturation by 10% instead.


 16.3166, 0.4066,
0.3260


 16.3166, 0.4066,
0.3260

231.2027, 0.3511,
0.3291


 9.7485, 0.4244,
0.3242


 37.1470, 0.3838,
0.3277

 5.2325, 0.4502,
0.3210

 52.1780, 0.3761,
0.3282

 2.3843, 0.4908,
0.3143


 70.7988, 0.3699,
0.3285

 0.8178, 0.6027,
0.3186

 93.3937, 0.3648,
0.3287

 0.0000, 1.0000,
0.0000

120.3471, 0.3605,
0.3289

 0.0000, 0.0000,
0.0000

152.0435, 0.3569,

0.3290

188.8673, 0.3538,
0.3291

■ 16.3166, 0.4066,
0.3260

■ 16.3166, 0.4066,
0.3260

■ 13.4953, 0.4442,
0.3254

■ 19.7720, 0.3752,
0.3267

■ 11.2672, 0.4875,
0.3251

■ 23.8940, 0.3497,
0.3275

■ 9.5908, 0.5337,
0.3252


■ 28.7161, 0.3291,
0.3283

■ 8.4180, 0.5778,
0.3258


■ 34.2687, 0.3125,
0.3290

■ 7.6924, 0.6130,
0.3271


■ 40.5802, 0.2992,
0.3297

 7.2852, 0.6358,
0.3278

 47.6779, 0.2884,
0.3303

 7.2805, 0.6361,
0.3278

 55.5874, 0.2797,
0.3308

 64.3333, 0.2725,
0.3313

 73.9392, 0.2665,
0.3318

Harmonies

Analogous

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



16.3166, 0.3624, 0.2864



16.3166, 0.4066, 0.3260



16.3166, 0.4226, 0.3690

Triad

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



16.3166, 0.4066, 0.3260



16.3166, 0.3113, 0.4187



16.3166, 0.2244, 0.2479

Complementary

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



16.3166, 0.4066, 0.3260



29.2891, 0.2604, 0.3323

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.



16.3166, 0.2138, 0.2744



16.3166, 0.4066, 0.3260



16.3166, 0.2609, 0.3767

Square

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



16.3166, 0.4066, 0.3260



16.3166, 0.3646, 0.4283



16.3166, 0.2263, 0.3210



16.3166, 0.2567, 0.2428

Rectangle

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



16.3166, 0.4066, 0.3260



16.3166, 0.4149, 0.3956



16.3166, 0.2263, 0.3210



16.3166, 0.2184, 0.2543

Sweetspot

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



16.3174, 0.4066, 0.3260



49.9600, 0.3335, 0.3281



17.7121, 0.3145, 0.2325



11.0183, 0.3359, 0.3280



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



16.3174, 0.4066, 0.3260



24.9384, 0.4404, 0.3254



22.6125, 0.3905, 0.3769



6.6494, 0.3279, 0.3283



5.8317, 0.6355, 0.3275



0.1052, 0.6141, 0.3157

Inverse Universe

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



16.3174, 0.4066, 0.3260



24.9384, 0.4404, 0.3254



20.4982, 0.2508, 0.2751



6.6494, 0.3279, 0.3283



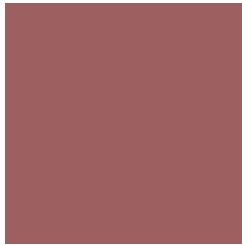
5.8317, 0.6355, 0.3275



0.1052, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 16.3166, 0.4066, 0.3260 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 16.3166, 0.4066, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

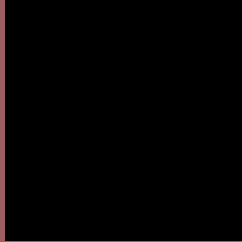
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3166, 0.4066, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 16.3166, 0.4066, 0.3260.



This preview shows how white text looks on a background with the Yxy color 16.3166, 0.4066, 0.3260.

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

16.3166, 0.4066, 0.3260

Protanopia

16.3420, 0.3256, 0.3411

Deuteranopia

16.5093, 0.3609, 0.3560



Tritanopia

16.2141, 0.4008, 0.3177

Trichromacy



Original Color

16.3166, 0.4066, 0.3260

Protanomaly

16.1126, 0.3525, 0.3348

Deuteranomaly

16.3206, 0.3766, 0.3438

Tritanomaly

16.1946, 0.4024, 0.3194

Monochromacy



Original Color

16.3166, 0.4066, 0.3260

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3439, 0.3437, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3166, 0.4066, 0.3260 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(158, 95, 97)` looks like.

```
.text, #text, p{  
    color:rgb(158, 95, 97)  
}
```

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(158, 95, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 95, 97) }
```

Border

The CSS property to change the border of an element to Yxy 16.3166, 0.4066, 0.3260 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(158, 95, 97) }
```

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

```
.border{ border-color:rgb(158, 95, 97) }
```

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

Here you see how a box with a 4 pixel rgb(158, 95, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 95, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 95, 97);  
box-shadow:4px 4px 4px 4px rgb(158, 95,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3166, 0.4066, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 95, 97) }
```

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

```
.background{ background-color: rgb(158, 95,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor