

Converting Colors

$Y_{xy}(17.0901, 0.4273, 0.4066)$

Have a look what the booklet for
Yxy(17.0901, 0.4273, 0.4066)
contains.

Yxy(17.0927, 0.4273, 0.4078)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0927, 0.4273, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	916C3E
RGB	145, 108, 62
RGB Percent	57%, 42%, 24%
CMY	0.4313, 0.5765, 0.7569
CMYK	0.00, 0.26, 0.57, 0.43
HSL	33°, 40%, 41%
HSV	33°, 57%, 57%
XYZ	17.9100, 17.0927, 6.9117
YIQ	113.8190, 36.8180, -6.4620

Conversions

Conversions Part 2

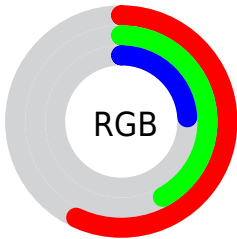
Format	Color
R_YB	129, 145, 62
Decimal	9530430
CIE Lab	48.38, 9.17, 31.21
CIE LCh	48, 32.531, 73.632
Yxy	17.0927, 0.4273, 0.4078
Android (android.graphics.Color)	4287720510 (0xFF916C3E)
YUV	113.8190, -25.5468, 27.3457
Hunter-Lab	41.3433, 4.9758, 19.0283

Details

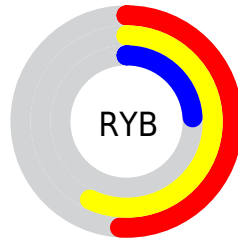
The Yxy color **17.0927, 0.4273, 0.4078** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.9924, 0.2221, 0.2304**, and the grayscale version is **16.8403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3615, 0.4012, 0.3911**, and **5.6502, 0.4721, 0.4319** is the 20% darker color. If you saturate the color by 10%, you get **15.6416, 0.4518, 0.4180**, and if you desaturate by 10%, it is **18.6891, 0.4033, 0.3952**.

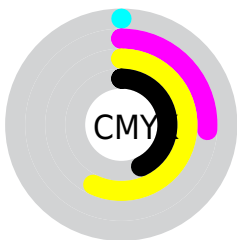
Distribution



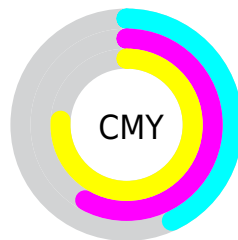
- Red (57%)
- Green (42%)
- Blue (24%)



- Red (51%)
- Yellow (57%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (57%)
- Black (43%)



- Cyan (43%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0927, 0.4273, 0.4078 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 17.0927, 0.4273, 0.4078 by changing the saturation by 10% instead.


 17.0927, 0.4273,
0.4078


 17.0927, 0.4273,
0.4078


235.7060, 0.3615,
0.3651


 10.3006, 0.4463,
0.4185


 38.4851, 0.4014,
0.3919


 5.5987, 0.4715,
0.4311

 53.8542, 0.3922,
0.3860

 2.6027, 0.5291,
0.4650

 72.8510, 0.3847,
0.3810

 0.9280, 0.5499,
0.4501

 95.8601, 0.3785,
0.3768

 0.0000, 1.0000,
0.0000

 123.2657, 0.3733,
0.3732

 0.0000, 0.0000,
0.0000

 155.4523, 0.3688,

0.3701

192.8043, 0.3649,
0.3674

■ 17.0927, 0.4273,
0.4078

■ 17.0927, 0.4273,
0.4078

■ 15.6416, 0.4518,
0.4180

■ 18.6891, 0.4033,
0.3952

■ 14.3277, 0.4758,
0.4247

■ 20.4334, 0.3806,
0.3813

■ 13.1454, 0.4978,
0.4268

■ 22.3313, 0.3596,
0.3668

■ 12.0855, 0.5171,
0.4243

■ 24.3875, 0.3407,
0.3524

■ 11.8113, 0.5224,
0.4234

■ 26.6062, 0.3238,
0.3386

■ 28.9916, 0.3088,
0.3255

■ 31.5476, 0.2955,
0.3132

■ 34.2780, 0.2839,
0.3019

■ 37.1864, 0.2736,
0.2914

Harmonies

Analogous

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



17.0927, 0.4387, 0.3615



17.0927, 0.4273, 0.4078



17.0927, 0.3846, 0.4401

Triad

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



17.0927, 0.4273, 0.4078



17.0927, 0.2210, 0.3343



17.0927, 0.2900, 0.2416

Complementary

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



17.0927, 0.4273, 0.4078



11.9924, 0.2221, 0.2304

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.



17.0927, 0.2376, 0.2304



17.0927, 0.4273, 0.4078



17.0927, 0.2012, 0.2762

Square

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



17.0927, 0.4273, 0.4078



17.0927, 0.2652, 0.3992



17.0927, 0.2071, 0.2410



17.0927, 0.3546, 0.2710

Rectangle

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



17.0927, 0.4273, 0.4078



17.0927, 0.3458, 0.4449



17.0927, 0.2071, 0.2410



17.0927, 0.2705, 0.2356

Sweetspot

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



17.0935, 0.4273, 0.4078



43.6286, 0.3409, 0.3526



10.3727, 0.4006, 0.2652



9.5585, 0.3440, 0.3551



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.



17.0935, 0.4273, 0.4078



27.2316, 0.4596, 0.4206



26.2511, 0.3874, 0.4632



5.8884, 0.3269, 0.3412



10.1821, 0.5216, 0.4240



0.1414, 0.4679, 0.4667

Inverse Universe

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



11.9924, 0.2221, 0.2304



17.1914, 0.2032, 0.2027



6.6525, 0.2097, 0.1535



5.6260, 0.2990, 0.3165



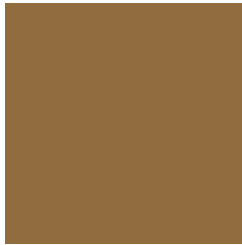
5.0113, 0.1735, 0.1446



0.0908, 0.1960, 0.2254

Previews

White Background



This preview shows how the Yxy color 17.0927, 0.4273, 0.4078 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 17.0927, 0.4273, 0.4078 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 17.0927, 0.4273, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 17.0927, 0.4273, 0.4078.



This preview shows how white text looks on a background with the Yxy color 17.0927, 0.4273, 0.4078.

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

17.0927, 0.4273, 0.4078

Protanopia

17.1551, 0.3913, 0.4239

Deuteranopia

17.1624, 0.4196, 0.4131



Tritanopia

17.0181, 0.3699, 0.3154

Trichromacy



Original Color

17.0927, 0.4273, 0.4078

Protanomaly

17.0268, 0.4052, 0.4169

Deuteranomaly

17.0359, 0.4220, 0.4110

Tritanomaly

16.9868, 0.3926, 0.3484

Monochromacy



Original Color

17.0927, 0.4273, 0.4078

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.7745, 0.3525, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0927, 0.4273, 0.4078 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(145, 108, 62)` looks like.

```
.text, #text, p{  
    color:rgb(145, 108, 62)  
}
```

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(145, 108, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 108, 62) }
```

Border

The CSS property to change the border of an element to Yxy 17.0927, 0.4273, 0.4078 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(145, 108, 62) }
```

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

```
.border{ border-color:rgb(145, 108, 62) }
```

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

Here you see how a box with a 4 pixel rgb(145, 108, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 108, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 108, 62);  
box-shadow:4px 4px 4px 4px rgb(145, 108,  
62) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0927, 0.4273, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 108, 62) }
```

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

```
.background{ background-color: rgb(145,  
108, 62) }
```

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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