

Converting Colors

$Y_{xy}(18.3128, 0.3280, 0.4422)$

Have a look what the booklet for
Yxy(18.3128, 0.3280, 0.4422)
contains.

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Color

Yxy(18.3260, 0.3286, 0.4426)

Conversions

Conversions Part 1

Format	Color
Hex	5E804B
RGB	94, 128, 75
RGB Percent	37%, 50%, 29%
CMY	0.6313, 0.4980, 0.7059
CMYK	0.27, 0.00, 0.41, 0.50
HSL	98°, 26%, 40%
HSV	98°, 41%, 50%
XYZ	13.6058, 18.3260, 9.4735
YIQ	111.7920, -3.2510, -23.6910

Conversions

Conversions Part 2

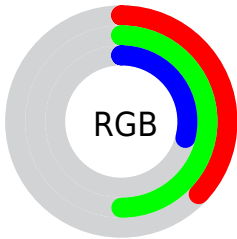
Format	Color
R_{YB}	75, 128, 109
Decimal	6193227
CIE Lab	49.89, -22.45, 24.98
CIE LCh	50, 33.584, 131.946
Yxy	18.3260, 0.3286, 0.4426
Android (android.graphics.Color)	4284383307 (0xFF5E804B)
YUV	111.7920, -18.1385, -15.6036
Hunter-Lab	42.8089, -18.1835, 16.8454

Details

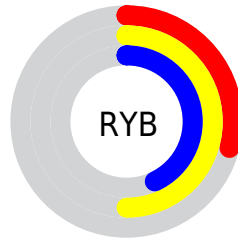
The Yxy color **18.3260, 0.3286, 0.4426** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9.8378, 0.2876, 0.2226**, and the grayscale version is **16.1946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6394, 0.3264, 0.4135**, and **6.2615, 0.3300, 0.4986** is the 20% darker color. If you saturate the color by 10%, you get **17.7578, 0.3308, 0.4732**, and if you desaturate by 10%, it is **18.9772, 0.3255, 0.4124**.

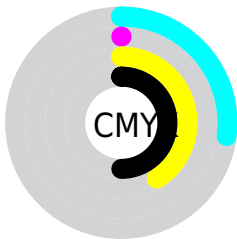
Distribution



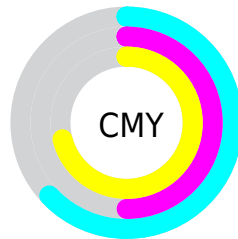
- Red (37%)
- Green (50%)
- Blue (29%)



- Red (29%)
- Yellow (50%)
- Blue (43%)



- Cyan (27%)
- Magenta (0%)
- Yellow (41%)
- Black (50%)





- Cyan (63%)
- Magenta (50%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3260, 0.3286, 0.4426 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 18.3260, 0.3286, 0.4426 by changing the saturation by 10% instead.


 18.3260, 0.3286,
0.4426


 18.3260, 0.3286,
0.4426


242.7022, 0.3214,
0.3744


 11.1843, 0.3294,
0.4648


 40.5920, 0.3264,
0.4144


 6.1909, 0.3293,
0.4972

 56.4852, 0.3255,
0.4049

 2.9615, 0.3274,
0.5514

 76.0642, 0.3246,
0.3973

 1.1117, 0.3070,
0.6930

 99.7136, 0.3238,
0.3910

 0.0000, 0.0000,
0.0000

 127.8177, 0.3231,
0.3858

160.7609, 0.3224,

0.3814

198.9276, 0.3219,
0.3777

■ 18.3260, 0.3286,
0.4426

■ 18.3260, 0.3286,
0.4426

■ 17.7578, 0.3308,
0.4732

■ 18.9772, 0.3255,
0.4124

■ 17.2666, 0.3317,
0.5028

■ 19.7124, 0.3217,
0.3836

■ 16.8494, 0.3312,
0.5300


■ 20.5354, 0.3176,
0.3568

■ 16.5018, 0.3290,
0.5530

■ 21.4492, 0.3133,
0.3323

■ 16.2192, 0.3253,
0.5706

■ 22.4566, 0.3090,
0.3101

 16.0182, 0.3217,
0.5827

 23.5603, 0.3048,
0.2903

 24.7628, 0.3008,
0.2727

 26.0667, 0.2970,
0.2570

 27.4743, 0.2934,
0.2431

Harmonies

Analogous

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



18.3260, 0.3881, 0.4399



18.3260, 0.3286, 0.4426



18.3260, 0.2679, 0.4031

Triad

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



18.3260, 0.3286, 0.4426



18.3260, 0.2053, 0.2416



18.3260, 0.4098, 0.3105

Complementary

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



18.3260, 0.3286, 0.4426



9.8378, 0.2876, 0.2226

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.



18.3260, 0.3513, 0.2685



18.3260, 0.3286, 0.4426



18.3260, 0.2347, 0.2296

Square

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



18.3260, 0.3286, 0.4426



18.3260, 0.2008, 0.2784



18.3260, 0.2863, 0.2398



18.3260, 0.4393, 0.3589

Rectangle

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



18.3260, 0.3286, 0.4426



18.3260, 0.2350, 0.3605



18.3260, 0.2863, 0.2398



18.3260, 0.3925, 0.2954

Sweetspot

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



18.3268, 0.3286, 0.4426



36.0248, 0.3180, 0.3590



15.9409, 0.3856, 0.3942



8.3978, 0.3184, 0.3617



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



18.3268, 0.3286, 0.4426



31.2900, 0.3307, 0.4724



17.5438, 0.3004, 0.4340



4.8880, 0.3166, 0.3509



15.8836, 0.3218, 0.5827



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.8378, 0.2876, 0.2226



14.1458, 0.2796, 0.1968



10.9980, 0.3284, 0.2429



4.3376, 0.3085, 0.3074



3.3273, 0.2350, 0.1068



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 18.3260, 0.3286, 0.4426 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 18.3260, 0.3286, 0.4426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

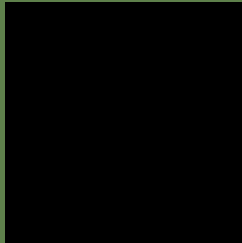
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3260, 0.3286, 0.4426

Background



This preview shows how black text looks on a background with the Yxy color 18.3260, 0.3286, 0.4426.



This preview shows how white text looks on a background with the Yxy color 18.3260, 0.3286, 0.4426.

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

18.3260, 0.3286, 0.4426

Protanopia

18.0789, 0.3848, 0.4173

Deuteranopia

18.1111, 0.3984, 0.3913



Tritanopia

18.1970, 0.2809, 0.3093

Trichromacy



Original Color

18.3260, 0.3286, 0.4426

Protanomaly

18.1000, 0.3629, 0.4284

Deuteranomaly

17.8527, 0.3721, 0.4082

Tritanomaly

18.2723, 0.2985, 0.3558

Monochromacy



Original Color

18.3260, 0.3286, 0.4426

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.8610, 0.3185, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3260, 0.3286, 0.4426 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(94, 128, 75)` looks like.

```
.text, #text, p{  
  color:rgb(94, 128, 75)  
}
```

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(94, 128, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 128, 75) }
```

Border

The CSS property to change the border of an element to Yxy 18.3260, 0.3286, 0.4426 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(94, 128, 75) }
```

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

```
.border{ border-color:rgb(94, 128, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 128, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 128, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 128, 75);  
box-shadow:4px 4px 4px 4px rgb(94, 128,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3260, 0.3286, 0.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 128, 75) }
```

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

```
.background{ background-color: rgb(94, 128,  
75) }
```

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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