

Converting Colors

$Yxy(13.0189, 0.2864, 0.4123)$

Have a look what the booklet for
Yxy(13.0189, 0.2864, 0.4123)
contains.

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Color

Yxy(13.1135, 0.2867, 0.4146)

Conversions

Conversions Part 1

Format	Color
Hex	3C704F
RGB	60, 112, 79
RGB Percent	24%, 44%, 31%
CMY	0.7647, 0.5608, 0.6902
CMYK	0.46, 0.00, 0.29, 0.56
HSL	142°, 30%, 34%
HSV	142°, 46%, 44%
XYZ	9.0681, 13.1135, 9.4477
YIQ	92.6900, -20.3990, -21.2870

Conversions

Conversions Part 2

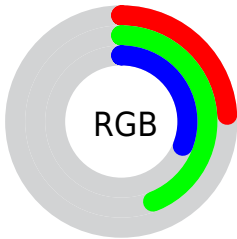
Format	Color
RYB	60, 98, 112
Decimal	3960911
CIELab	42.93, -25.55, 13.07
CIElCh	43, 28.702, 152.917
Yxy	13.1135, 0.2867, 0.4146
Android (android.graphics.Color)	4282150991 (0xFF3C704F)
YUV	92.6900, -6.7492, -28.6691
Hunter-Lab	36.2126, -18.6732, 9.8804

Details

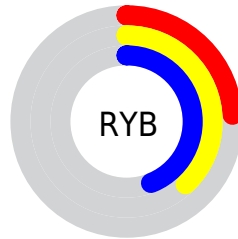
The Yxy color **13.1135, 0.2867, 0.4146** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.4664, 0.3543, 0.2575**, and the grayscale version is **10.8895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4244, 0.2940, 0.3915**, and **3.8275, 0.2704, 0.4683** is the 20% darker color. If you saturate the color by 10%, you get **12.7034, 0.2829, 0.4373**, and if you desaturate by 10%, it is **13.6096, 0.2915, 0.3931**.

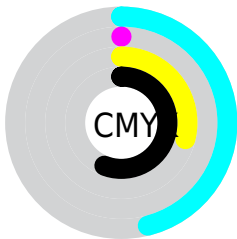
Distribution



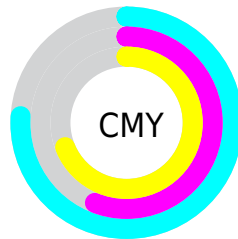
- Red (24%)
- Green (44%)
- Blue (31%)



- Red (24%)
- Yellow (38%)
- Blue (44%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (56%)





- Cyan (76%)
- Magenta (56%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.1135, 0.2867, 0.4146 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 13.1135, 0.2867, 0.4146 by changing the saturation by 10% instead.


 13.1135, 0.2867,
0.4146


 13.1135, 0.2867,
0.4146


 211.6438, 0.3035,
0.3607


 7.5068, 0.2802,
0.4343


 31.5075, 0.2942,
0.3912


 3.7810, 0.2696,
0.4656

 45.0636, 0.2965,
0.3837


 1.5518, 0.2512,
0.5288

 62.0383, 0.2983,
0.3778

 0.3248, 0.0000,
1.0000

 82.8159, 0.2998,
0.3731

 0.0000, 0.0000,
0.0000

 107.7808, 0.3010,
0.3691

 137.3175, 0.3020,

0.3659

171.8104, 0.3028,
0.3631

■ 13.1135, 0.2867,
0.4146

■ 13.1135, 0.2867,
0.4146

■ 12.7034, 0.2829,
0.4373

■ 13.6096, 0.2915,
0.3931

■ 12.3726, 0.2802,
0.4607

■ 14.1948, 0.2969,
0.3732

■ 12.1161, 0.2791,
0.4841

■ 14.8738, 0.3028,
0.3550

■ 11.9275, 0.2796,
0.5066

■ 15.6506, 0.3088,
0.3386

■ 11.7927, 0.2813,
0.5275

■ 16.5291, 0.3149,
0.3240

■ 11.7487, 0.2819,
0.5347

■ 17.5127, 0.3209,
0.3110

■ 18.6049, 0.3267,
0.2996

■ 19.8088, 0.3323,
0.2896

■ 21.1277, 0.3376,
0.2808

Harmonies

Analogous

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



13.1135, 0.3463, 0.4407



13.1135, 0.2867, 0.4146



13.1135, 0.2370, 0.3571

Triad

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



13.1135, 0.2867, 0.4146



13.1135, 0.2269, 0.2346



13.1135, 0.4290, 0.3439

Complementary

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



13.1135, 0.2867, 0.4146



7.4664, 0.3543, 0.2575

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.



13.1135, 0.3907, 0.2983



13.1135, 0.2867, 0.4146



13.1135, 0.2707, 0.2382

Square

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



13.1135, 0.2867, 0.4146



13.1135, 0.2056, 0.2535



13.1135, 0.3306, 0.2609



13.1135, 0.4313, 0.3904

Rectangle

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



13.1135, 0.2867, 0.4146



13.1135, 0.2154, 0.3152



13.1135, 0.3306, 0.2609



13.1135, 0.4198, 0.3282

Sweetspot

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



13.1140, 0.2867, 0.4146



26.3958, 0.3040, 0.3515



14.2846, 0.3509, 0.4474



6.2880, 0.3030, 0.3544



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



13.1140, 0.2867, 0.4146



22.2488, 0.2825, 0.4397



13.5533, 0.2610, 0.3480



3.7815, 0.3072, 0.3426



13.5770, 0.2822, 0.5360



67.4797, 0.2850, 0.5459

Inverse Universe

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



7.4664, 0.3543, 0.2575



10.9654, 0.3686, 0.2420



7.0908, 0.4105, 0.3118



3.4338, 0.3186, 0.3157



4.5053, 0.4346, 0.2168



22.2728, 0.4426, 0.2212

Previews

White Background



This preview shows how the Yxy color 13.1135, 0.2867, 0.4146 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 13.1135, 0.2867, 0.4146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

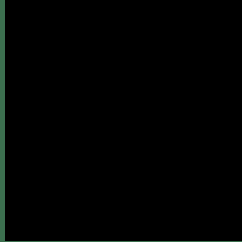
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 13.1135, 0.2867, 0.4146

Background



This preview shows how black text looks on a background with the Yxy color 13.1135, 0.2867, 0.4146.



This preview shows how white text looks on a background with the Yxy color 13.1135, 0.2867, 0.4146.

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

13.1135, 0.2867, 0.4146

Protanopia

12.9899, 0.3614, 0.3888

Deuteranopia

12.9405, 0.3662, 0.3608



Tritanopia

13.0416, 0.2564, 0.3078

Trichromacy



Original Color

13.1135, 0.2867, 0.4146

Protanomaly

12.8491, 0.3306, 0.3981

Deuteranomaly

12.5836, 0.3324, 0.3782

Tritanomaly

13.0748, 0.2671, 0.3435

Monochromacy



Original Color

13.1135, 0.2867, 0.4146

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.5683, 0.3013, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.1135, 0.2867, 0.4146 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(60, 112, 79)` looks like.

```
.text, #text, p{  
    color:rgb(60, 112, 79)  
}
```

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(60, 112, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 112, 79) }
```

Border

The CSS property to change the border of an element to Yxy 13.1135, 0.2867, 0.4146 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(60, 112, 79) }
```

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

```
.border{ border-color:rgb(60, 112, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 112, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 112, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 112, 79);  
box-shadow:4px 4px 4px 4px rgb(60, 112,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 13.1135, 0.2867, 0.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 112, 79) }
```

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

```
.background{ background-color: rgb(60, 112,  
79) }
```

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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