

Converting Colors

$Y_{xy}(11.6475, 0.2606, 0.4256)$

Have a look what the booklet for
Yxy(11.6475, 0.2606, 0.4256)
contains.

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Color

Yxy(11.6395, 0.2608, 0.4266)

Conversions

Conversions Part 1

Format	Color
Hex	186D4B
RGB	24, 109, 75
RGB Percent	9%, 43%, 29%
CMY	0.9058, 0.5725, 0.7059
CMYK	0.78, 0.00, 0.31, 0.57
HSL	156°, 64%, 26%
HSV	156°, 78%, 43%
XYZ	7.1158, 11.6395, 8.5291
YIQ	79.7090, -39.7460, -28.5940

Conversions

Conversions Part 2

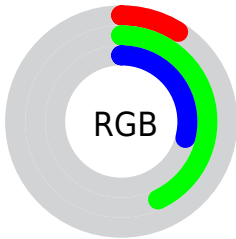
Format	Color
R_{YB}	24, 77, 109
Decimal	1600843
CIE Lab	40.64, -33.39, 12.08
CIE LCh	41, 35.511, 160.119
Yxy	11.6395, 0.2608, 0.4266
Android (android.graphics.Color)	4279790923 (0xFF186D4B)
YUV	79.7090, -2.3215, -48.8568
Hunter-Lab	34.1167, -22.4743, 9.0594

Details

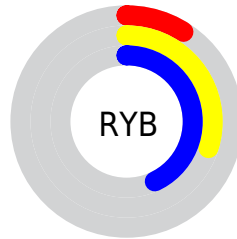
The Yxy color **11.6395, 0.2608, 0.4266** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **4.2109, 0.4613, 0.2626**, and the grayscale version is **7.9743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7388, 0.2752, 0.3982**, and **3.3306, 0.2649, 0.4735** is the 20% darker color. If you saturate the color by 10%, you get **11.4743, 0.2601, 0.4414**, and if you desaturate by 10%, it is **11.8632, 0.2633, 0.4119**.

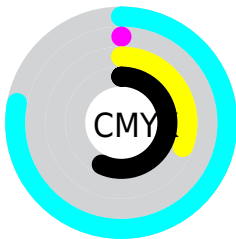
Distribution



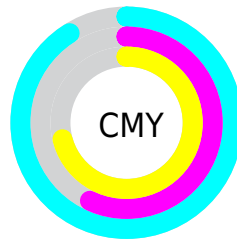
- Red (9%)
- Green (43%)
- Blue (29%)



- Red (9%)
- Yellow (30%)
- Blue (43%)



- Cyan (78%)
- Magenta (0%)
- Yellow (31%)
- Black (57%)





- Cyan (91%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.6395, 0.2608, 0.4266 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 11.6395, 0.2608, 0.4266 by changing the saturation by 10% instead.


 11.6395, 0.2608,
0.4266


 11.6395, 0.2608,
0.4266


202.0039, 0.2939,
0.3639


 6.4987, 0.2483,
0.4506


 28.8368, 0.2754,
0.3989


 3.1506, 0.2282,
0.4897

 41.6621, 0.2800,
0.3901

 1.2109, 0.1557,
0.6200

 57.8177, 0.2836,
0.3834

 0.0706, 0.0000,
1.0000

 77.6880, 0.2865,
0.3779

 0.0000, 0.0000,
0.0000

 101.6573, 0.2888,
0.3735

 130.1102, 0.2908,

0.3698

163.4309, 0.2925,
0.3666

11.6395, 0.2608,
0.4266

11.6395, 0.2608,
0.4266

11.4743, 0.2601,
0.4414

11.8632, 0.2633,
0.4119

11.3485, 0.2607,
0.4561

12.1499, 0.2675,
0.3974

11.3237, 0.2609,
0.4591

12.5051, 0.2731,
0.3835

12.9333, 0.2800,
0.3704

13.4387, 0.2878,
0.3581

■ 14.0250, 0.2964,
0.3468

■ 14.6958, 0.3054,
0.3365

■ 15.4546, 0.3146,
0.3272

■ 16.3043, 0.3239,
0.3188

Harmonies

Analogous

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



11.6395, 0.3342, 0.4723



11.6395, 0.2608, 0.4266



11.6395, 0.2055, 0.3438

Triad

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



11.6395, 0.2608, 0.4266



11.6395, 0.2157, 0.2104



11.6395, 0.4670, 0.3580

Complementary

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



11.6395, 0.2608, 0.4266



4.2109, 0.4613, 0.2626

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.



11.6395, 0.4286, 0.3018



11.6395, 0.2608, 0.4266



11.6395, 0.2753, 0.2214

Square

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



11.6395, 0.2608, 0.4266



11.6395, 0.1835, 0.2248



11.6395, 0.3543, 0.2537



11.6395, 0.4561, 0.4151

Rectangle

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



11.6395, 0.2608, 0.4266



11.6395, 0.1848, 0.2911



11.6395, 0.3543, 0.2537



11.6395, 0.4596, 0.3388

Sweetspot

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



11.6400, 0.2608, 0.4266



24.4997, 0.2915, 0.3531



11.9464, 0.3364, 0.5384



5.6354, 0.2891, 0.3563



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.6400, 0.2608, 0.4266



20.3632, 0.2610, 0.4539



10.7854, 0.2265, 0.3099



3.4724, 0.3045, 0.3375



13.2396, 0.2612, 0.4602



67.2865, 0.2634, 0.4683

Inverse Universe

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



4.2109, 0.4613, 0.2626



6.3585, 0.5153, 0.2672



4.3025, 0.5529, 0.3416



3.1350, 0.3217, 0.3207



4.0073, 0.5282, 0.2683



20.2570, 0.5421, 0.2760

Previews

White Background



This preview shows how the Yxy color 11.6395, 0.2608, 0.4266 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 11.6395, 0.2608, 0.4266 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 11.6395, 0.2608, 0.4266

Background



This preview shows how black text looks on a background with the Yxy color 11.6395, 0.2608, 0.4266.



This preview shows how white text looks on a background with the Yxy color 11.6395, 0.2608, 0.4266.

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

11.6395, 0.2608, 0.4266

Protanopia

11.4977, 0.3642, 0.3892

Deuteranopia

11.5338, 0.3623, 0.3581



Tritanopia

11.6065, 0.2354, 0.3060

Trichromacy



Original Color

11.6395, 0.2608, 0.4266

Protanomaly

11.0251, 0.3134, 0.4056

Deuteranomaly

10.9477, 0.3118, 0.3806

Tritanomaly

11.5840, 0.2440, 0.3476

Monochromacy



Original Color

11.6395, 0.2608, 0.4266

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.9929, 0.2843, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6395, 0.2608, 0.4266 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(24, 109, 75)` looks like.

```
.text, #text, p{  
    color:rgb(24, 109, 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(24, 109, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 109, 75) }
```

Border

The CSS property to change the border of an element to Yxy 11.6395, 0.2608, 0.4266 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(24, 109, 75) }
```

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

```
.border{ border-color:rgb(24, 109, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 109, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 109, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 109, 75);  
box-shadow:4px 4px 4px 4px rgb(24, 109,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6395, 0.2608, 0.4266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 109, 75) }
```

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

```
.background{ background-color: rgb(24, 109,  
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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