

Converting Colors

$Yxy(24.3666, 0.3145, 0.4006)$

Have a look what the booklet for
Yxy(24.3666, 0.3145, 0.4006)
contains.

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Color

Yxy(24.3666, 0.3145, 0.4006)

Conversions

Conversions Part 1

Format	Color
Hex	6F906A
RGB	111, 144, 106
RGB Percent	44%, 56%, 42%
CMY	0.5647, 0.4353, 0.5843
CMYK	0.23, 0.00, 0.26, 0.44
HSL	112°, 15%, 49%
HSV	112°, 26%, 56%
XYZ	19.1295, 24.3666, 17.3291
YIQ	129.8010, -7.4700, -18.8140

Conversions

Conversions Part 2

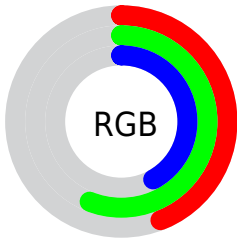
Format	Color
R_{YB}	106, 144, 139
Decimal	7311466
CIE _{Lab}	56.45, -19.28, 16.53
CIE _{LCh}	56, 25.399, 139.386
Yxy	24.3666, 0.3145, 0.4006
Android (android.graphics.Color)	4285501546 (0xFF6F906A)
YUV	129.8010, -11.7339, -16.4885
Hunter-Lab	49.3625, -17.2100, 13.7395

Details

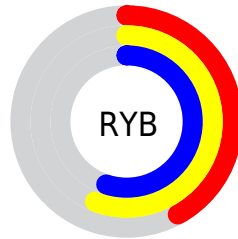
The Yxy color $24.3666, 0.3145, 0.4006$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.8104, 0.3093, 0.2644$, and the grayscale version is $22.2933, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6090, 0.3148, 0.3849$, and $9.1583, 0.3137, 0.4311$ is the 20% darker color. If you saturate the color by 10%, you get $23.3375, 0.3147, 0.4325$, and if you desaturate by 10%, it is $25.5617, 0.3140, 0.3711$.

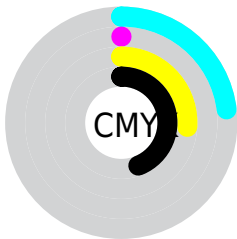
Distribution



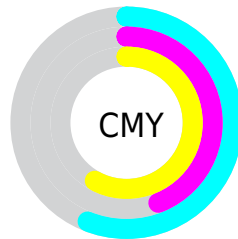
- Red (44%)
- Green (56%)
- Blue (42%)



- Red (42%)
- Yellow (56%)
- Blue (55%)



- Cyan (23%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)




- Cyan (56%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.3666, 0.3145, 0.4006 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 24.3666, 0.3145, 0.4006 by changing the saturation by 10% instead.


 24.3666, 0.3145,
0.4006


 24.3666, 0.3145,
0.4006


274.6687, 0.3143,
0.3595


 15.6058, 0.3142,
0.4131


 50.6278, 0.3147,
0.3842

 9.2456, 0.3133,
0.4307


 68.8969, 0.3146,
0.3785

 4.9017, 0.3114,
0.4575

 91.1043, 0.3146,
0.3739

 2.1897, 0.3066,
0.5033

 117.6344, 0.3145,
0.3700

 0.7144, 0.2258,
0.7742

148.8714, 0.3145,
0.3668

 0.0000, 0.0000,
0.0000

185.1999, 0.3144,

0.3640

227.0042, 0.3143,
0.3616

■ 24.3666, 0.3145,
0.4006

■ 24.3666, 0.3145,
0.4006

■ 23.3375, 0.3147,
0.4325

■ 25.5617, 0.3140,
0.3711

■ 22.4641, 0.3144,
0.4659

■ 26.9264, 0.3133,
0.3445

■ 21.7397, 0.3135,
0.4993

■ 28.4681, 0.3124,
0.3208

■ 21.1557, 0.3120,
0.5307

■ 30.1930, 0.3114,
0.3000

■ 20.7031, 0.3100,
0.5579

■ 32.1066, 0.3104,
0.2818

■ 20.3713, 0.3075,
0.5788

■ 34.2147, 0.3094,
0.2660

■ 20.1468, 0.3048,
0.5925

■ 36.5223, 0.3084,
0.2523

■ 20.0858, 0.3042,
0.5966

■ 39.0347, 0.3074,
0.2403

■ 41.7567, 0.3065,
0.2299

Harmonies

Analogous

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



24.3666, 0.3573, 0.4081



24.3666, 0.3145, 0.4006



24.3666, 0.2730, 0.3688

Triad

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



24.3666, 0.3145, 0.4006



24.3666, 0.2397, 0.2639



24.3666, 0.3865, 0.3258

Complementary

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



24.3666, 0.3145, 0.4006



17.8104, 0.3093, 0.2644

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.



24.3666, 0.3508, 0.2930



24.3666, 0.3145, 0.4006



24.3666, 0.2658, 0.2582

Square

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



24.3666, 0.3145, 0.4006



24.3666, 0.2319, 0.2872



24.3666, 0.3059, 0.2689



24.3666, 0.4008, 0.3613

Rectangle

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



24.3666, 0.3145, 0.4006



24.3666, 0.2515, 0.3401



24.3666, 0.3059, 0.2689



24.3666, 0.3765, 0.3142

Sweetspot

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



24.3676, 0.3145, 0.4006



47.0401, 0.3134, 0.3490



25.4172, 0.3531, 0.3848



10.7082, 0.3135, 0.3526



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.



24.3676, 0.3145, 0.4006



41.8051, 0.3146, 0.4203



24.3663, 0.2965, 0.3743



6.0613, 0.3135, 0.3516



17.4963, 0.3044, 0.5965



0.1726, 0.3226, 0.5821

Inverse Universe

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



17.8104, 0.3093, 0.2644



28.1248, 0.3081, 0.2487



17.8504, 0.3335, 0.2877



5.4756, 0.3118, 0.3072



5.5613, 0.2888, 0.1364



0.0596, 0.3056, 0.1457

Previews

White Background



This preview shows how the Yxy color 24.3666, 0.3145, 0.4006 looks on a white 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

Black Background



This preview shows how the Yxy color 24.3666, 0.3145, 0.4006 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 24.3666, 0.3145, 0.4006

Background



This preview shows how black text looks on a background with the Yxy color 24.3666, 0.3145, 0.4006.



This preview shows how white text looks on a background with the Yxy color 24.3666, 0.3145, 0.4006.

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

24.3666, 0.3145, 0.4006

Protanopia

24.2165, 0.3591, 0.3854

Deuteranopia

24.2375, 0.3694, 0.3632



Tritanopia

24.1984, 0.2814, 0.3097

Trichromacy



Original Color

24.3666, 0.3145, 0.4006

Protanomaly

24.0618, 0.3424, 0.3914

Deuteranomaly

23.9861, 0.3476, 0.3758

Tritanomaly

24.0945, 0.2932, 0.3416

Monochromacy



Original Color

24.3666, 0.3145, 0.4006

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.9194, 0.3138, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3666, 0.3145, 0.4006 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(111, 144, 106)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 106)  
}
```

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(111, 144, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 106) }
```

Border

The CSS property to change the border of an element to Yxy 24.3666, 0.3145, 0.4006 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(111, 144, 106) }
```

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

```
.border{ border-color:rgb(111, 144, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 144, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 106);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3666, 0.3145, 0.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 106) }
```

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

```
.background{ background-color: rgb(111,  
144, 106) }
```

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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