

Converting Colors

$Yxy(24.4718, 0.3637, 0.4356)$

Have a look what the booklet for
Yxy(24.4718, 0.3637, 0.4356)
contains.

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Color

Yxy(24.5345, 0.3641, 0.4360)

Conversions

Conversions Part 1

Format	Color
Hex	848D50
RGB	132, 141, 80
RGB Percent	52%, 55%, 31%
CMY	0.4824, 0.4470, 0.6862
CMYK	0.06, 0.00, 0.43, 0.45
HSL	69°, 28%, 43%
HSV	69°, 43%, 55%
XYZ	20.4886, 24.5345, 11.2487
YIQ	131.3550, 14.2170, -20.8790

Conversions

Conversions Part 2

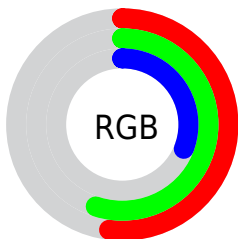
Format	Color
R_{YB}	80, 141, 89
Decimal	8686928
CIE _{Lab}	56.62, -13.22, 31.36
CIE _{LCh}	57, 34.031, 112.851
Yxy	24.5345, 0.3641, 0.4360
Android (android.graphics.Color)	4286877008 (0xFF848D50)
YUV	131.3550, -25.3180, 0.5657
Hunter-Lab	49.5323, -12.8468, 21.2079

Details

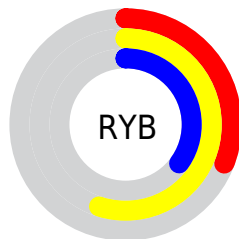
The Yxy color $24.5345, 0.3641, 0.4360$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $9.7887, 0.2456, 0.2037$, and the grayscale version is $22.9200, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0810, 0.3545, 0.4135$, and $9.3413, 0.3780, 0.4766$ is the 20% darker color. If you saturate the color by 10%, you get $24.1823, 0.3741, 0.4593$, and if you desaturate by 10%, it is $24.9361, 0.3529, 0.4112$.

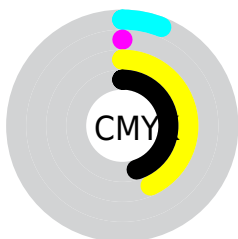
Distribution



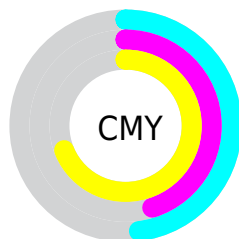
- Red (52%)
- Green (55%)
- Blue (31%)



- Red (31%)
- Yellow (55%)
- Blue (35%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (45%)




- Cyan (48%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5345, 0.3641, 0.4360 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 24.5345, 0.3641, 0.4360 by changing the saturation by 10% instead.


 24.5345, 0.3641,
0.4360


 24.5345, 0.3641,
0.4360


275.5117, 0.3374,
0.3759


 15.7306, 0.3705,
0.4532


 50.9010, 0.3544,
0.4125


 9.3337, 0.3782,
0.4765


 69.2324, 0.3507,
0.4042


 4.9595, 0.3867,
0.5090

 91.5085, 0.3476,
0.3973

 2.2235, 0.4141,
0.5859

 118.1135, 0.3450,
0.3916

 0.7328, 0.3378,
0.6622

 149.4320, 0.3427,
0.3868

 0.0000, 0.0000,
0.0000

185.8482, 0.3407,

0.3826

227.7467, 0.3390,
0.3790

■ 24.5345, 0.3641,
0.4360

■ 24.5345, 0.3641,
0.4360

■ 24.1823, 0.3741,
0.4593

■ 24.9361, 0.3529,
0.4112

■ 23.8732, 0.3825,
0.4801

■ 25.3861, 0.3409,
0.3859

■ 23.6055, 0.3887,
0.4976

■ 25.8882, 0.3287,
0.3609

■ 23.3754, 0.3925,
0.5111

■ 26.4445, 0.3166,
0.3366

■ 23.1788, 0.3938,
0.5203

■ 27.0570, 0.3049,
0.3136

■ 23.0565, 0.3941,
0.5253

■ 27.7277, 0.2937,
0.2922

■ 28.4584, 0.2832,
0.2724

■ 29.2509, 0.2735,
0.2542

■ 30.1069, 0.2645,
0.2378

Harmonies

Analogous

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



24.5345, 0.4100, 0.4143



24.5345, 0.3641, 0.4360



24.5345, 0.3068, 0.4237

Triad

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



24.5345, 0.3641, 0.4360



24.5345, 0.2075, 0.2677



24.5345, 0.3697, 0.2861

Complementary

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



24.5345, 0.3641, 0.4360



9.7887, 0.2456, 0.2037

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.



24.5345, 0.3097, 0.2540



24.5345, 0.3641, 0.4360



24.5345, 0.2203, 0.2415

Square

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



24.5345, 0.3641, 0.4360



24.5345, 0.2189, 0.3161



24.5345, 0.2559, 0.2378



24.5345, 0.4157, 0.3284

Rectangle

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



24.5345, 0.3641, 0.4360



24.5345, 0.2702, 0.3950



24.5345, 0.2559, 0.2378



24.5345, 0.3502, 0.2739

Sweetspot

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



24.5356, 0.3641, 0.4360



46.3559, 0.3287, 0.3609



13.2469, 0.4140, 0.3441



10.3123, 0.3311, 0.3659



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.5356, 0.3641, 0.4360



43.3117, 0.3740, 0.4590



22.4775, 0.3297, 0.4492



6.2456, 0.3237, 0.3509



21.0272, 0.3942, 0.5252



0.2081, 0.4073, 0.5148

Inverse Universe

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



9.7887, 0.2456, 0.2037



13.2828, 0.2268, 0.1710



11.5602, 0.2852, 0.2164



5.2909, 0.3011, 0.3064



1.9019, 0.1574, 0.0641



0.0241, 0.1859, 0.0798

Previews

White Background



This preview shows how the Yxy color 24.5345, 0.3641, 0.4360 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 24.5345, 0.3641, 0.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

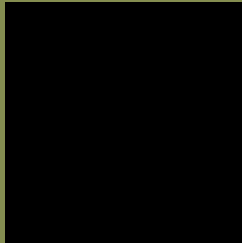
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5345, 0.3641, 0.4360

Background



This preview shows how black text looks on a background with the Yxy color 24.5345, 0.3641, 0.4360.



This preview shows how white text looks on a background with the Yxy color 24.5345, 0.3641, 0.4360.

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

24.5345, 0.3641, 0.4360

Protanopia

24.5479, 0.3900, 0.4241

Deuteranopia

24.4823, 0.4079, 0.4018



Tritanopia

24.6393, 0.3090, 0.3124

Trichromacy



Original Color

24.5345, 0.3641, 0.4360

Protanomaly

24.5811, 0.3803, 0.4282

Deuteranomaly

24.3348, 0.3911, 0.4139

Tritanomaly

24.5902, 0.3295, 0.3567

Monochromacy



Original Color

24.5345, 0.3641, 0.4360

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3231, 0.3325, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5345, 0.3641, 0.4360 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(132, 141, 80)` looks like.

```
.text, #text, p{  
    color:rgb(132, 141, 80)  
}
```

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(132, 141, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 141, 80) }
```

Border

The CSS property to change the border of an element to Yxy 24.5345, 0.3641, 0.4360 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(132, 141, 80) }
```

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

```
.border{ border-color:rgb(132, 141, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 141, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 141, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 141, 80);  
box-shadow:4px 4px 4px 4px rgb(132, 141,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5345, 0.3641, 0.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 141, 80) }
```

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

```
.background{ background-color: rgb(132,  
141, 80) }
```

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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