

Converting Colors

$Y_{xy}(28.3242, 0.3665, 0.4341)$

Have a look what the booklet for
Yxy(28.3242, 0.3665, 0.4341)
contains.

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Color

$\text{Yxy}(28.3242, 0.3665, 0.4341)$

Conversions

Conversions Part 1

Format	Color
Hex	8F9656
RGB	143, 150, 86
RGB Percent	56%, 59%, 34%
CMY	0.4392, 0.4117, 0.6627
CMYK	0.05, 0.00, 0.43, 0.41
HSL	67°, 27%, 46%
HSV	67°, 43%, 59%
XYZ	23.9134, 28.3242, 13.0105
YIQ	140.6110, 16.3720, -21.3880

Conversions

Conversions Part 2

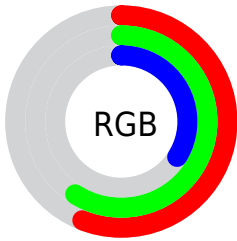
Format	Color
R_{YB}	86, 150, 93
Decimal	9410134
CIE _{Lab}	60.18, -12.72, 32.84
CIE _{LCh}	60, 35.213, 111.167
Yxy	28.3242, 0.3665, 0.4341
Android (android.graphics.Color)	4287600214 (0xFF8F9656)
YUV	140.6110, -26.9232, 2.0952
Hunter-Lab	53.2205, -12.9309, 22.7601

Details

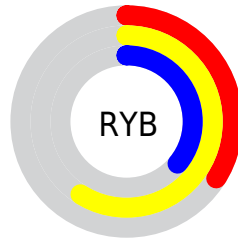
The Yxy color **28.3242, 0.3665, 0.4341** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.1852, 0.2434, 0.2039**, and the grayscale version is **26.5787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9976, 0.3568, 0.4117**, and **11.2878, 0.3811, 0.4714** is the 20% darker color. If you saturate the color by 10%, you get **27.9630, 0.3773, 0.4570**, and if you desaturate by 10%, it is **28.7408, 0.3545, 0.4097**.

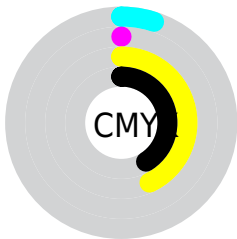
Distribution



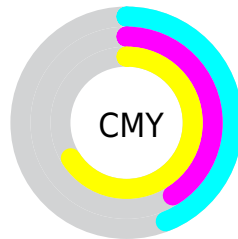
- Red (56%)
- Green (59%)
- Blue (34%)



- Red (34%)
- Yellow (59%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (43%)
- Black (41%)




- Cyan (44%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3242, 0.3665, 0.4341 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 28.3242, 0.3665, 0.4341 by changing the saturation by 10% instead.


 28.3242, 0.3665,
0.4341


 28.3242, 0.3665,
0.4341


294.0128, 0.3391,
0.3764


 18.5702, 0.3730,
0.4500


 57.0016, 0.3566,
0.4120

 11.3601, 0.3808,
0.4710


 76.6938, 0.3529,
0.4040


 6.3096, 0.3897,
0.4998


 100.4676, 0.3497,
0.3974

 3.0342, 0.4134,
0.5613

 128.7072, 0.3470,
0.3919

 1.1496, 0.3982,
0.6018

 161.7972, 0.3446,
0.3872

 0.0200, 0.0000,
1.0000

200.1218, 0.3425,

 0.0000, 0.0000,

0.3831

0.0000

244.0656, 0.3407,
0.3795

■ 28.3242, 0.3665,
0.4341

■ 28.3242, 0.3665,
0.4341

■ 27.9630, 0.3773,
0.4570

■ 28.7408, 0.3545,
0.4097

■ 27.6503, 0.3864,
0.4773

■ 29.2120, 0.3418,
0.3845

■ 27.3836, 0.3934,
0.4941

■ 29.7417, 0.3288,
0.3595

■ 27.1590, 0.3979,
0.5070

■ 30.3325, 0.3161,
0.3353

■ 26.9716, 0.4000,
0.5155

■ 30.9867, 0.3037,
0.3122

■ 26.8483, 0.4005,
0.5202

■ 31.7066, 0.2920,
0.2907

■ 32.4943, 0.2811,
0.2708

■ 33.3519, 0.2709,
0.2525

■ 34.2813, 0.2616,
0.2359

Harmonies

Analogous

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



28.3242, 0.4107, 0.4114



28.3242, 0.3665, 0.4341



28.3242, 0.3102, 0.4240

Triad

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



28.3242, 0.3665, 0.4341



28.3242, 0.2088, 0.2707



28.3242, 0.3658, 0.2845

Complementary

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



28.3242, 0.3665, 0.4341



11.1852, 0.2434, 0.2039

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.



28.3242, 0.3065, 0.2535



28.3242, 0.3665, 0.4341



28.3242, 0.2201, 0.2434

Square

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



28.3242, 0.3665, 0.4341



28.3242, 0.2214, 0.3195



28.3242, 0.2541, 0.2386



28.3242, 0.4124, 0.3260

Rectangle

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



28.3242, 0.3665, 0.4341



28.3242, 0.2737, 0.3969



28.3242, 0.2541, 0.2386



28.3242, 0.3464, 0.2727

Sweetspot

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



28.3255, 0.3665, 0.4341



52.4262, 0.3296, 0.3610



14.8802, 0.4144, 0.3403



11.5747, 0.3322, 0.3660



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



28.3255, 0.3665, 0.4341



49.3850, 0.3766, 0.4555



25.9047, 0.3318, 0.4473



6.7128, 0.3244, 0.3510



22.2744, 0.4007, 0.5201



0.2800, 0.4105, 0.5123

Inverse Universe

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



11.1852, 0.2434, 0.2039



15.1145, 0.2250, 0.1725



13.1729, 0.2826, 0.2164



5.6616, 0.3005, 0.3063



1.9285, 0.1550, 0.0627



0.0296, 0.1772, 0.0750

Previews

White Background



This preview shows how the Yxy color 28.3242, 0.3665, 0.4341 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 28.3242, 0.3665, 0.4341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

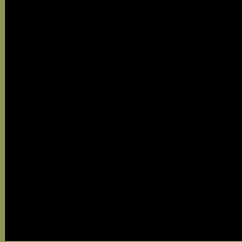
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3242, 0.3665, 0.4341

Background



This preview shows how black text looks on a background with the Yxy color 28.3242, 0.3665, 0.4341.



This preview shows how white text looks on a background with the Yxy color 28.3242, 0.3665, 0.4341.

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

28.3242, 0.3665, 0.4341

Protanopia

28.2618, 0.3898, 0.4234

Deuteranopia

28.0122, 0.4085, 0.4005



Tritanopia

28.2252, 0.3114, 0.3118

Trichromacy



Original Color

28.3242, 0.3665, 0.4341

Protanomaly

28.2956, 0.3806, 0.4272

Deuteranomaly

27.8371, 0.3927, 0.4119

Tritanomaly

28.1317, 0.3319, 0.3550

Monochromacy



Original Color

28.3242, 0.3665, 0.4341

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.0778, 0.3336, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3242, 0.3665, 0.4341 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(143, 150, 86)` looks like.

```
.text, #text, p{  
    color:rgb(143, 150, 86)  
}
```

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(143, 150, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 150, 86) }
```

Border

The CSS property to change the border of an element to Yxy 28.3242, 0.3665, 0.4341 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(143, 150, 86) }
```

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

```
.border{ border-color:rgb(143, 150, 86) }
```

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

Here you see how a box with a 4 pixel rgb(143, 150, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 150, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 150, 86);  
box-shadow:4px 4px 4px 4px rgb(143, 150,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3242, 0.3665, 0.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 150, 86) }
```

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

```
.background{ background-color: rgb(143,  
150, 86) }
```

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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