

Converting Colors

$Y_{xy}(28.3060, 0.3493, 0.4343)$

Have a look what the booklet for
Yxy(28.3060, 0.3493, 0.4343)
contains.

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Color

Yxy(28.1173, 0.3488, 0.4334)

Conversions

Conversions Part 1

Format	Color
Hex	84985B
RGB	132, 152, 91
RGB Percent	52%, 60%, 36%
CMY	0.4825, 0.4039, 0.6432
CMYK	0.13, 0.00, 0.40, 0.40
HSL	80°, 25%, 48%
HSV	80°, 40%, 60%
XYZ	22.6288, 28.1173, 14.1300
YIQ	139.0660, 7.6610, -23.2110

Conversions

Conversions Part 2

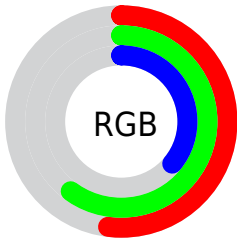
Format	Color
R_{YB}	91, 152, 111
Decimal	8689755
CIE Lab	59.99, -17.67, 29.77
CIE LCh	60, 34.618, 120.693
Yxy	28.1173, 0.3488, 0.4334
Android (android.graphics.Color)	4286879835 (0xFF84985B)
YUV	139.0660, -23.6965, -6.1969
Hunter-Lab	53.0257, -16.6200, 21.3187

Details

The Yxy color $28.1173, 0.3488, 0.4334$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.1298, 0.2639, 0.2170$, and the grayscale version is $25.9348, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5347, 0.3427, 0.4104$, and $11.2311, 0.3576, 0.4735$ is the 20% darker color. If you saturate the color by 10%, you get $27.4895, 0.3561, 0.4601$, and if you desaturate by 10%, it is $28.8200, 0.3404, 0.4062$.

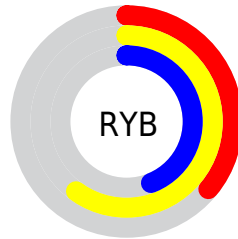
Distribution



Red (52%)

Green (60%)

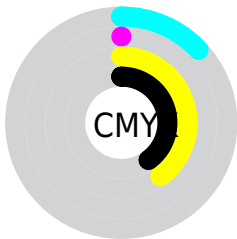
Blue (36%)



Red (36%)

Yellow (60%)

Blue (44%)

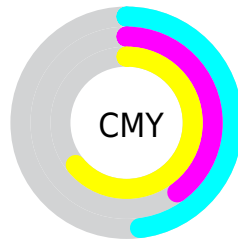


Cyan (13%)

Magenta (0%)

Yellow (40%)

Black (40%)



Cyan (48%)


Magenta (40%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1173, 0.3488, 0.4334 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 28.1173, 0.3488, 0.4334 by changing the saturation by 10% instead.

 28.1173, 0.3488,
0.4334


 28.1173, 0.3488,
0.4334


293.0270, 0.3309,
0.3752


 18.4141, 0.3528,
0.4500


 56.6717, 0.3425,
0.4108


 11.2477, 0.3574,
0.4724


 76.2916, 0.3401,
0.4027

 6.2337, 0.3621,
0.5041

 99.9859, 0.3380,
0.3961

 2.9877, 0.3733,
0.5645

 128.1390, 0.3361,
0.3906

 1.1253, 0.3553,
0.6447

161.1353, 0.3346,
0.3859

 0.0000, 0.0000,
0.0000

199.3591, 0.3332,

0.3818

243.1949, 0.3320,
0.3783

■ 28.1173, 0.3488,
0.4334

■ 28.1173, 0.3488,
0.4334

■ 27.4895, 0.3561,
0.4601

■ 28.8200, 0.3404,
0.4062

■ 26.9293, 0.3618,
0.4851

■ 29.5971, 0.3314,
0.3794

■ 26.4342, 0.3656,
0.5074

■ 30.4529, 0.3221,
0.3536

■ 25.9998, 0.3670,
0.5258

■ 31.3900, 0.3128,
0.3293

■ 25.6211, 0.3660,
0.5396

■ 32.4113, 0.3039,
0.3068

■ 25.2901, 0.3634,
0.5497

■ 33.5191, 0.2953,
0.2862

■ 34.7160, 0.2872,
0.2675

■ 36.0042, 0.2796,
0.2505

■ 37.3859, 0.2726,
0.2353

Harmonies

Analogous

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



28.1173, 0.3977, 0.4201



28.1173, 0.3488, 0.4334



28.1173, 0.2927, 0.4116

Triad

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



28.1173, 0.3488, 0.4334



28.1173, 0.2111, 0.2605



28.1173, 0.3820, 0.2973

Complementary

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



28.1173, 0.3488, 0.4334



13.1298, 0.2639, 0.2170

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.



28.1173, 0.3253, 0.2627



28.1173, 0.3488, 0.4334



28.1173, 0.2297, 0.2407

Square

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



28.1173, 0.3488, 0.4334



28.1173, 0.2160, 0.3025



28.1173, 0.2697, 0.2424



28.1173, 0.4198, 0.3403

Rectangle

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



28.1173, 0.3488, 0.4334



28.1173, 0.2589, 0.3791



28.1173, 0.2697, 0.2424



28.1173, 0.3642, 0.2845

Sweetspot

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



28.1185, 0.3488, 0.4334



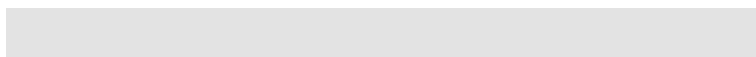
53.4162, 0.3240, 0.3589



18.6516, 0.3969, 0.3620



12.0998, 0.3251, 0.3619



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.1185, 0.3488, 0.4334



48.6415, 0.3553, 0.4569



26.0505, 0.3177, 0.4445



7.1212, 0.3212, 0.3513



21.2192, 0.3638, 0.5494



0.3368, 0.3895, 0.5290

Inverse Universe

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



13.1298, 0.2639, 0.2170



18.5151, 0.2503, 0.1895



15.3956, 0.3023, 0.2285



6.1199, 0.3037, 0.3064



2.4830, 0.1759, 0.0742



0.0554, 0.2223, 0.0998

Previews

White Background



This preview shows how the Yxy color 28.1173, 0.3488, 0.4334 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 28.1173, 0.3488, 0.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

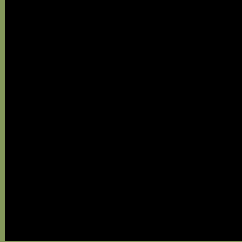
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1173, 0.3488, 0.4334

Background



This preview shows how black text looks on a background with the Yxy color 28.1173, 0.3488, 0.4334.



This preview shows how white text looks on a background with the Yxy color 28.1173, 0.3488, 0.4334.

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

28.1173, 0.3488, 0.4334

Protanopia

27.9202, 0.3855, 0.4166

Deuteranopia

27.8693, 0.4010, 0.3943



Tritanopia

28.0095, 0.2982, 0.3098

Trichromacy



Original Color

28.1173, 0.3488, 0.4334

Protanomaly

27.9783, 0.3723, 0.4229

Deuteranomaly

27.7043, 0.3812, 0.4078

Tritanomaly

27.9367, 0.3178, 0.3540

Monochromacy



Original Color

28.1173, 0.3488, 0.4334

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.5859, 0.3260, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1173, 0.3488, 0.4334 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, 152, 91)` looks like.

```
.text, #text, p{  
    color:rgb(132, 152, 91)  
}
```

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, 152, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 152, 91) }
```

Border

The CSS property to change the border of an element to Yxy 28.1173, 0.3488, 0.4334 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, 152, 91) }
```

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

```
.border{ border-color:rgb(132, 152, 91) }
```

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

Here you see how a box with a 4 pixel rgb(132, 152, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 152, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 152, 91);  
box-shadow:4px 4px 4px 4px rgb(132, 152,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1173, 0.3488, 0.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 152, 91) }
```

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

```
.background{ background-color: rgb(132,  
152, 91) }
```

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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