

Converting Colors

$Yxy(40.2058, 0.3381, 0.4549)$

Have a look what the booklet for
Yxy(40.2058, 0.3381, 0.4549)
contains.

Yxy(40.2760, 0.3380, 0.4555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.2760, 0.3380, 0.4555)

Conversions

Conversions Part 1

Format	Color
Hex	8BB764
RGB	139, 183, 100
RGB Percent	55%, 72%, 39%
CMY	0.4548, 0.2824, 0.6078
CMYK	0.24, 0.00, 0.45, 0.28
HSL	92°, 37%, 55%
HSV	92°, 45%, 72%
XYZ	29.8865, 40.2760, 18.2590
YIQ	160.3820, 0.4190, -35.1410

Conversions

Conversions Part 2

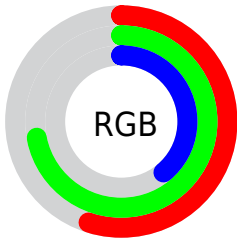
Format	Color
RYB	100, 183, 144
Decimal	9156452
CIELab	69.67, -29.25, 37.41
CIELCh	70, 47.485, 128.018
Yxy	40.2760, 0.3380, 0.4555
Android (android.graphics.Color)	4287346532 (0xFF8BB764)
YUV	160.3820, -29.7683, -18.7520
Hunter-Lab	63.4634, -27.0008, 27.3660

Details

The Yxy color $40.2760, 0.3380, 0.4555$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $18.4631, 0.2730, 0.2049$, and the grayscale version is $35.4841, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.4693, 0.3351, 0.4302$, and $18.2305, 0.3406, 0.4963$ is the 20% darker color. If you saturate the color by 10%, you get $39.1641, 0.3412, 0.4850$, and if you desaturate by 10%, it is $41.5450, 0.3335, 0.4254$.

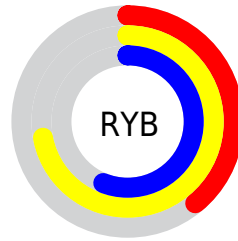
Distribution



Red (55%)

Green (72%)

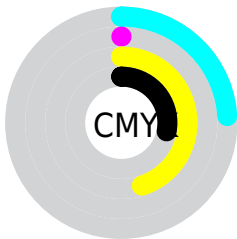
Blue (39%)



Red (39%)

Yellow (72%)

Blue (56%)

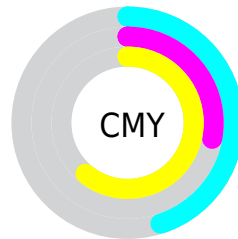


Cyan (24%)

Magenta (0%)

Yellow (45%)

Black (28%)



Cyan (45%)


Magenta (28%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2760, 0.3380, 0.4555 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 40.2760, 0.3380, 0.4555 by changing the saturation by 10% instead.

 40.2760, 0.3380,
0.4555


 40.2760, 0.3380,
0.4555

347.2855, 0.3276,
0.3879


 27.7538, 0.3395,
0.4735


 75.5836, 0.3350,
0.4301


 18.1402, 0.3406,
0.4970


 99.1378, 0.3336,
0.4208

 11.0507, 0.3403,
0.5288


 127.1381, 0.3323,
0.4130

 6.1009, 0.3364,
0.5734

 159.9690, 0.3312,
0.4064

 2.9065, 0.3354,
0.6646

198.0148, 0.3302,
0.4008

 1.0831, 0.2187,
0.7813

241.6598, 0.3292,

 0.0000, 0.0000,

0.3960

0.0000

291.2886, 0.3284,
0.3917

■ 40.2760, 0.3380,
0.4555

■ 40.2760, 0.3380,
0.4555

■ 39.1641, 0.3412,
0.4850

■ 41.5450, 0.3335,
0.4254

■ 38.1968, 0.3427,
0.5125

■ 42.9726, 0.3281,
0.3960

■ 37.3676, 0.3422,
0.5365


■ 44.5668, 0.3222,
0.3680


■ 36.6677, 0.3396,
0.5555

■ 46.3335, 0.3160,
0.3420

■ 36.0860, 0.3350,
0.5689

■ 48.2783, 0.3099,
0.3182

 35.8462, 0.3327,
0.5740

 50.4065, 0.3039,
0.2967

 52.7232, 0.2981,
0.2774

 55.2332, 0.2927,
0.2602

 57.2997, 0.2941,
0.2536

Harmonies

Analogous

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



40.2760, 0.4010, 0.4454



40.2760, 0.3380, 0.4555



40.2760, 0.2716, 0.4183

Triad

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



40.2760, 0.3380, 0.4555



40.2760, 0.1951, 0.2380



40.2760, 0.4113, 0.3021

Complementary

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



40.2760, 0.3380, 0.4555



18.4631, 0.2730, 0.2049

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.



40.2760, 0.3449, 0.2588



40.2760, 0.3380, 0.4555



40.2760, 0.2229, 0.2223

Square

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



40.2760, 0.3380, 0.4555



40.2760, 0.1937, 0.2807



40.2760, 0.2754, 0.2305



40.2760, 0.4484, 0.3532

Rectangle

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



40.2760, 0.3380, 0.4555



40.2760, 0.2346, 0.3729



40.2760, 0.2754, 0.2305



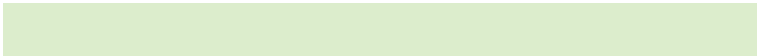
40.2760, 0.3912, 0.2864

Sweetspot

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



40.2778, 0.3380, 0.4555



80.1599, 0.3215, 0.3650



30.5987, 0.4028, 0.3896



17.5617, 0.3228, 0.3708



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.2778, 0.3380, 0.4555



70.2308, 0.3411, 0.4837



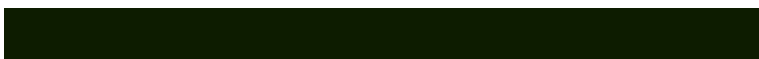
37.5228, 0.3053, 0.4664



10.2616, 0.3185, 0.3521



25.0485, 0.3336, 0.5734



0.9199, 0.3543, 0.5569

Inverse Universe

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



18.4631, 0.2730, 0.2049



26.4181, 0.2618, 0.1778



22.5456, 0.3194, 0.2216



8.9473, 0.3065, 0.3059



4.1969, 0.2095, 0.0928



0.1845, 0.2374, 0.1082

Previews

White Background



This preview shows how the Yxy color 40.2760, 0.3380, 0.4555 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 40.2760, 0.3380, 0.4555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

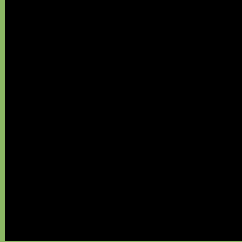
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2760, 0.3380, 0.4555

Background



This preview shows how black text looks on a background with the Yxy color 40.2760, 0.3380, 0.4555.



This preview shows how white text looks on a background with the Yxy color 40.2760, 0.3380, 0.4555.

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

40.2760, 0.3380, 0.4555

Protanopia

40.0148, 0.3932, 0.4288

Deuteranopia

39.8397, 0.4089, 0.4008



Tritanopia

40.1504, 0.2839, 0.3092

Trichromacy



Original Color

40.2760, 0.3380, 0.4555

Protanomaly

39.9580, 0.3718, 0.4389

Deuteranomaly

39.5525, 0.3817, 0.4207

Tritanomaly

40.0139, 0.3043, 0.3616

Monochromacy



Original Color

40.2760, 0.3380, 0.4555

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.5156, 0.3235, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2760, 0.3380, 0.4555 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(139, 183, 100)` looks like.

```
.text, #text, p{  
    color:rgb(139, 183, 100)  
}
```

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(139, 183, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 183, 100) }
```

Border

The CSS property to change the border of an element to Yxy 40.2760, 0.3380, 0.4555 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(139, 183, 100) }
```

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

```
.border{ border-color:rgb(139, 183, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 183, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 183, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 183, 100);  
box-shadow:4px 4px 4px 4px rgb(139, 183,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2760, 0.3380, 0.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 183, 100) }
```

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

```
.background{ background-color: rgb(139,  
183, 100) }
```

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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