

Converting Colors

$Yxy(39.0688, 0.2753, 0.3554)$

Have a look what the booklet for
Yxy(39.0688, 0.2753, 0.3554)
contains.

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Color

Yxy(39.0688, 0.2753, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	75B4A3
RGB	117, 180, 163
RGB Percent	46%, 71%, 64%
CMY	0.5414, 0.2941, 0.3608
CMYK	0.35, 0.00, 0.09, 0.29
HSL	164°, 30%, 58%
HSV	164°, 35%, 71%
XYZ	30.2635, 39.0688, 40.5968
YIQ	159.2250, -32.0910, -18.6430

Conversions

Conversions Part 2

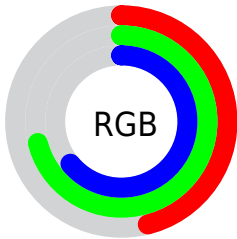
Format	Color
RYB	117, 153, 180
Decimal	7713955
CIELab	68.80, -24.10, 2.26
CIElCh	69, 24.201, 174.641
Yxy	39.0688, 0.2753, 0.3554
Android (android.graphics.Color)	4285904035 (0xFF75B4A3)
YUV	159.2250, 1.8611, -37.0313
Hunter-Lab	62.5050, -22.9583, 5.2449

Details

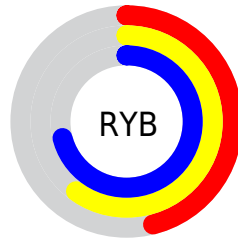
The Yxy color **39.0688, 0.2753, 0.3554** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.1367, 0.3719, 0.3045**, and the grayscale version is **34.7779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7108, 0.2823, 0.3500**, and **17.4503, 0.2642, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **37.7709, 0.2667, 0.3644**, and if you desaturate by 10%, it is **40.6163, 0.2851, 0.3470**.

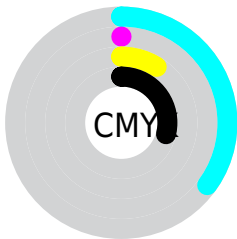
Distribution



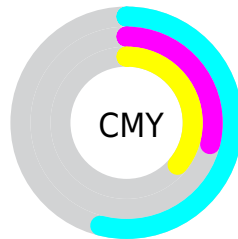
- Red (46%)
- Green (71%)
- Blue (64%)



- Red (46%)
- Yellow (60%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)





- Cyan (54%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0688, 0.2753, 0.3554 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 39.0688, 0.2753, 0.3554 by changing the saturation by 10% instead.


 39.0688, 0.2753,
0.3554


 39.0688, 0.2753,
0.3554


342.1829, 0.2946,
0.3417


 26.8133, 0.2703,
0.3590


 73.7434, 0.2824,
0.3503

 17.4330, 0.2638,
0.3637


 96.9313, 0.2851,
0.3484

 10.5437, 0.2548,
0.3703


 124.5320, 0.2873,
0.3468

 5.7609, 0.2420,
0.3798

156.9300, 0.2892,
0.3455

 2.7002, 0.2220,
0.3949

194.5097, 0.2908,
0.3443

 0.9773, 0.1523,
0.4406

237.6555, 0.2922,

 0.0000, 0.0000,

0.3433

0.0000

286.7518, 0.2935,
0.3425

■ 39.0688, 0.2753,
0.3554

■ 39.0688, 0.2753,
0.3554

■ 37.7709, 0.2667,
0.3644

■ 40.6163, 0.2851,
0.3470

■ 36.7040, 0.2596,
0.3738

■ 42.4213, 0.2957,
0.3393

■ 35.8543, 0.2541,
0.3836


■ 44.4974, 0.3069,
0.3323

■ 35.2048, 0.2505,
0.3936


■ 46.8557, 0.3185,
0.3259

■ 34.7356, 0.2489,
0.4037


■ 49.5067, 0.3302,
0.3203

 34.4226, 0.2491,
0.4137

 52.4603, 0.3418,
0.3152

 34.2983, 0.2496,
0.4186

 55.7260, 0.3533,
0.3108

 58.1643, 0.3594,
0.3065

 58.3977, 0.3552,
0.3015

Harmonies

Analogous

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



39.0688, 0.3083, 0.3832



39.0688, 0.2753, 0.3554



39.0688, 0.2529, 0.3206

Triad

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



39.0688, 0.2753, 0.3554



39.0688, 0.2796, 0.2711



39.0688, 0.3843, 0.3612

Complementary

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



39.0688, 0.2753, 0.3554



24.1367, 0.3719, 0.3045

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.



39.0688, 0.3761, 0.3321



39.0688, 0.2753, 0.3554



39.0688, 0.3139, 0.2820

Square

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



39.0688, 0.2753, 0.3554



39.0688, 0.2553, 0.2737



39.0688, 0.3498, 0.3038



39.0688, 0.3720, 0.3842

Rectangle

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



39.0688, 0.2753, 0.3554



39.0688, 0.2464, 0.2997



39.0688, 0.3498, 0.3038



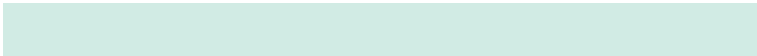
39.0688, 0.3839, 0.3518

Sweetspot

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



39.0704, 0.2753, 0.3554



78.2946, 0.3000, 0.3365



39.0665, 0.3228, 0.4276



16.8168, 0.2985, 0.3375



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.0704, 0.2753, 0.3554



68.9830, 0.2686, 0.3622



34.4740, 0.2612, 0.3077



9.5916, 0.3021, 0.3352



23.9463, 0.2493, 0.4174



0.7626, 0.2416, 0.3897

Inverse Universe

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



24.1367, 0.3719, 0.3045



37.8533, 0.3913, 0.2991



27.1176, 0.3875, 0.3491



8.5417, 0.3246, 0.3229



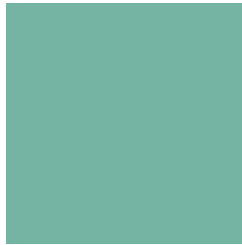
6.9343, 0.5831, 0.2986



0.2282, 0.5028, 0.2544

Previews

White Background



This preview shows how the Yxy color 39.0688, 0.2753, 0.3554 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 39.0688, 0.2753, 0.3554 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 39.0688, 0.2753, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 39.0688, 0.2753, 0.3554.



This preview shows how white text looks on a background with the Yxy color 39.0688, 0.2753, 0.3554.

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

39.0688, 0.2753, 0.3554

Protanopia

38.9220, 0.3279, 0.3445

Deuteranopia

38.6980, 0.3283, 0.3223



Tritanopia

38.9793, 0.2608, 0.3082

Trichromacy



Original Color

39.0688, 0.2753, 0.3554

Protanomaly

38.7806, 0.3065, 0.3481

Deuteranomaly

38.5000, 0.3062, 0.3333

Tritanomaly

38.8045, 0.2662, 0.3243

Monochromacy



Original Color

39.0688, 0.2753, 0.3554

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

36.1048, 0.2978, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0688, 0.2753, 0.3554 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(117, 180, 163)` looks like.

```
.text, #text, p{  
    color:rgb(117, 180, 163)  
}
```

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(117, 180, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 180, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.0688, 0.2753, 0.3554 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(117, 180, 163) }
```

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

```
.border{ border-color:rgb(117, 180, 163) }
```

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

Here you see how a box with a 4 pixel rgb(117, 180, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 180, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 180, 163);  
box-shadow:4px 4px 4px 4px rgb(117, 180,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0688, 0.2753, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 180, 163) }
```

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

```
.background{ background-color: rgb(117,  
180, 163) }
```

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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