

Converting Colors

$Yxy(38.5572, 0.2728, 0.3523)$

Have a look what the booklet for
Yxy(38.5572, 0.2728, 0.3523)
contains.

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Color

Yxy(38.5654, 0.2731, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	73B3A4
RGB	115, 179, 164
RGB Percent	45%, 70%, 64%
CMY	0.5491, 0.2980, 0.3569
CMYK	0.36, 0.00, 0.08, 0.30
HSL	166°, 30%, 58%
HSV	166°, 36%, 70%
XYZ	29.8871, 38.5654, 40.9839
YIQ	158.1540, -33.3290, -18.2330

Conversions

Conversions Part 2

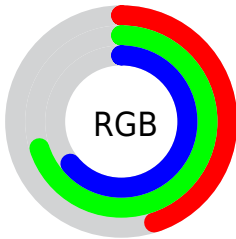
Format	Color
RYB	115, 151, 179
Decimal	7582628
CIELab	68.44, -23.94, 1.17
CIElCh	68, 23.969, 177.194
Yxy	38.5654, 0.2731, 0.3524
Android (android.graphics.Color)	4285772708 (0xFF73B3A4)
YUV	158.1540, 2.8821, -37.8461
Hunter-Lab	62.1010, -22.7709, 4.3420

Details

The Yxy color **38.5654, 0.2731, 0.3524** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.4512, 0.3766, 0.3072**, and the grayscale version is **34.2610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9662, 0.2805, 0.3478**, and **17.1483, 0.2614, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **37.3201, 0.2643, 0.3601**, and if you desaturate by 10%, it is **40.0545, 0.2832, 0.3451**.

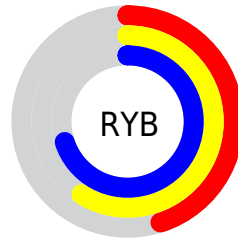
Distribution



Red (45%)

Green (70%)

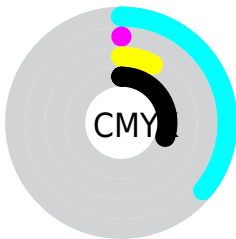
Blue (64%)



Red (45%)

Yellow (59%)

Blue (70%)

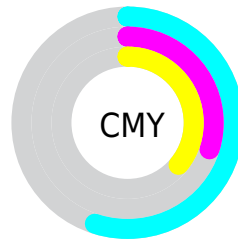


Cyan (36%)

Magenta (0%)

Yellow (8%)

Black (30%)



Cyan (55%)


Magenta (30%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5654, 0.2731, 0.3524 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 38.5654, 0.2731, 0.3524 by changing the saturation by 10% instead.


 38.5654, 0.2731,
0.3524


 38.5654, 0.2731,
0.3524

340.0392, 0.2935,
0.3403


 26.4218, 0.2678,
0.3556


 72.9739, 0.2807,
0.3479

 17.1395, 0.2609,
0.3597


 96.0076, 0.2835,
0.3462

 10.3340, 0.2515,
0.3654


 123.4402, 0.2858,
0.3448

 5.6210, 0.2379,
0.3736

155.6560, 0.2878,
0.3437

 2.6160, 0.2168,
0.3867

193.0394, 0.2895,
0.3426

 0.9347, 0.1395,
0.4302

235.9748, 0.2910,

 0.0000, 0.0000,

0.3418

0.0000

284.8466, 0.2923,
0.3410

■ 38.5654, 0.2731,
0.3524

■ 38.5654, 0.2731,
0.3524

■ 37.3201, 0.2643,
0.3601

■ 40.0545, 0.2832,
0.3451

■ 36.3001, 0.2569,
0.3683

■ 41.7952, 0.2941,
0.3384

■ 35.4919, 0.2513,
0.3767


■ 43.8010, 0.3058,
0.3323


■ 34.8783, 0.2476,
0.3853


■ 46.0828, 0.3178,
0.3267

■ 34.4398, 0.2458,
0.3939

■ 48.6510, 0.3301,
0.3217

 34.1510, 0.2459,
0.4025

 51.5155, 0.3423,
0.3173

 34.0508, 0.2461,
0.4061

 54.6855, 0.3543,
0.3134

 57.5622, 0.3633,
0.3098

 57.7581, 0.3597,
0.3055

Harmonies

Analogous

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



38.5654, 0.3054, 0.3811



38.5654, 0.2731, 0.3524



38.5654, 0.2520, 0.3178

Triad

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



38.5654, 0.2731, 0.3524



38.5654, 0.2823, 0.2718



38.5654, 0.3836, 0.3633

Complementary

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



38.5654, 0.2731, 0.3524



23.4512, 0.3766, 0.3072

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.



38.5654, 0.3773, 0.3346



38.5654, 0.2731, 0.3524



38.5654, 0.3170, 0.2838

Square

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



38.5654, 0.2731, 0.3524



38.5654, 0.2572, 0.2732



38.5654, 0.3523, 0.3062



38.5654, 0.3698, 0.3854

Rectangle

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



38.5654, 0.2731, 0.3524



38.5654, 0.2465, 0.2975



38.5654, 0.3523, 0.3062



38.5654, 0.3838, 0.3541

Sweetspot

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



38.5670, 0.2731, 0.3524



76.4328, 0.2994, 0.3355



38.3051, 0.3211, 0.4305



16.8290, 0.2979, 0.3364



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.



38.5670, 0.2731, 0.3524



67.2544, 0.2660, 0.3585



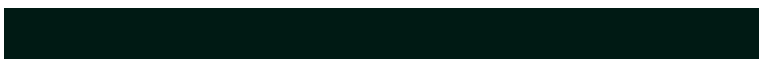
33.0924, 0.2598, 0.3038



9.5968, 0.3016, 0.3344



24.0694, 0.2459, 0.4051



0.7656, 0.2393, 0.3813

Inverse Universe

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



23.4512, 0.3766, 0.3072



36.1290, 0.3981, 0.3024



27.0494, 0.3885, 0.3526



8.5369, 0.3251, 0.3237



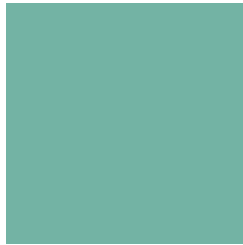
6.8990, 0.5944, 0.3048



0.2262, 0.5162, 0.2617

Previews

White Background



This preview shows how the Yxy color 38.5654, 0.2731, 0.3524 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 38.5654, 0.2731, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

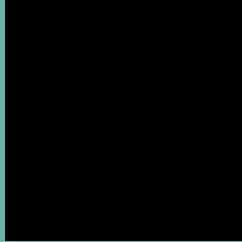
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5654, 0.2731, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 38.5654, 0.2731, 0.3524.

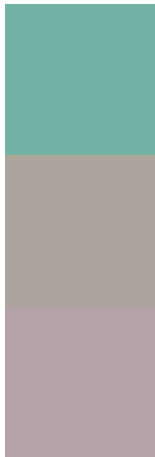


This preview shows how white text looks on a background with the Yxy color 38.5654, 0.2731, 0.3524.

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

38.5654, 0.2731, 0.3524

Protanopia

37.9685, 0.3263, 0.3418

Deuteranopia

38.1406, 0.3256, 0.3195



Tritanopia

38.3990, 0.2599, 0.3081

Trichromacy



Original Color

38.5654, 0.2731, 0.3524

Protanomaly

37.8320, 0.3048, 0.3453

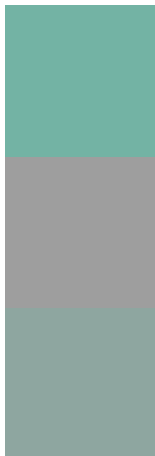
Deuteranomaly

37.9634, 0.3036, 0.3304

Tritanomaly

38.2679, 0.2646, 0.3228

Monochromacy



Original Color

38.5654, 0.2731, 0.3524

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.5613, 0.2960, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5654, 0.2731, 0.3524 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(115, 179, 164)` looks like.

```
.text, #text, p{  
    color:rgb(115, 179, 164)  
}
```

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(115, 179, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 179, 164) }
```

Border

The CSS property to change the border of an element to Yxy 38.5654, 0.2731, 0.3524 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(115, 179, 164) }
```

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

```
.border{ border-color:rgb(115, 179, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 179, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 179, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 179, 164);  
box-shadow:4px 4px 4px 4px rgb(115, 179,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5654, 0.2731, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 179, 164) }
```

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

```
.background{ background-color: rgb(115,  
179, 164) }
```

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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