

Converting Colors

$Yxy(39.5627, 0.2829, 0.3590)$

Have a look what the booklet for
Yxy(39.5627, 0.2829, 0.3590)
contains.

Yxy(39.5406, 0.2832, 0.3597)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.5406, 0.2832, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	7DB4A0
RGB	125, 180, 160
RGB Percent	49%, 71%, 63%
CMY	0.5096, 0.2942, 0.3725
CMYK	0.31, 0.00, 0.11, 0.29
HSL	158°, 27%, 60%
HSV	158°, 31%, 71%
XYZ	31.1312, 39.5406, 39.2548
YIQ	161.2750, -26.3600, -17.8800

Conversions

Conversions Part 2

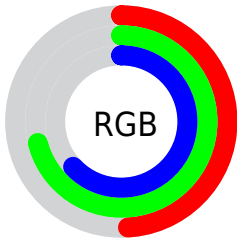
Format	Color
RYB	125, 159, 180
Decimal	8238240
CIELab	69.14, -22.33, 4.45
CIElCh	69, 22.768, 168.728
Yxy	39.5406, 0.2832, 0.3597
Android (android.graphics.Color)	4286428320 (0xFF7DB4A0)
YUV	161.2750, -0.6286, -31.8132
Hunter-Lab	62.8813, -21.6707, 7.0041

Details

The Yxy color **39.5406, 0.2832, 0.3597** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.4306, 0.3556, 0.3005**, and the grayscale version is **35.7941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4809, 0.2887, 0.3533**, and **17.7387, 0.2738, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **38.0841, 0.2750, 0.3717**, and if you desaturate by 10%, it is **41.2579, 0.2923, 0.3486**.

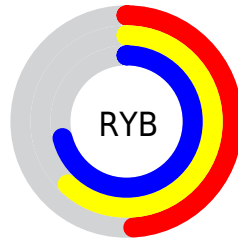
Distribution



Red (49%)

Green (71%)

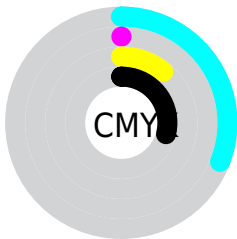
Blue (63%)



Red (49%)

Yellow (62%)

Blue (71%)

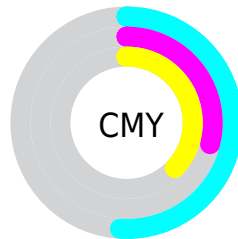


Cyan (31%)

Magenta (0%)

Yellow (11%)

Black (29%)



Cyan (51%)


Magenta (29%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5406, 0.2832, 0.3597 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 39.5406, 0.2832, 0.3597 by changing the saturation by 10% instead.


 39.5406, 0.2832,
0.3597


 39.5406, 0.2832,
0.3597


344.1835, 0.2985,
0.3436

 27.1805, 0.2792,
0.3640


 74.4634, 0.2889,
0.3537

 17.7089, 0.2740,
0.3696


 97.7950, 0.2910,
0.3515

 10.7412, 0.2668,
0.3774


 125.5526, 0.2927,
0.3496

 5.8931, 0.2564,
0.3888

158.1204, 0.2942,
0.3481

 2.7802, 0.2399,
0.4073

195.8831, 0.2955,
0.3467

 1.0181, 0.1873,
0.4574

239.2249, 0.2966,

 0.0000, 0.0000,

0.3456

0.0000

288.5302, 0.2976,
0.3445

■ 39.5406, 0.2832,
0.3597

■ 39.5406, 0.2832,
0.3597

■ 38.0841, 0.2750,
0.3717

■ 41.2579, 0.2923,
0.3486

■ 36.8702, 0.2680,
0.3844

■ 43.2436, 0.3021,
0.3386

■ 35.8856, 0.2626,
0.3978


■ 45.5109, 0.3122,
0.3294


■ 35.1142, 0.2589,
0.4116

■ 48.0708, 0.3225,
0.3213


■ 34.5373, 0.2571,
0.4256


■ 50.9336, 0.3327,
0.3141

 34.1329, 0.2574,
0.4395

 54.1092, 0.3428,
0.3077

 33.8661, 0.2590,
0.4525

 57.6069, 0.3526,
0.3021

 58.6719, 0.3503,
0.2958

 59.0098, 0.3448,
0.2893

Harmonies

Analogous

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



39.5406, 0.3154, 0.3830



39.5406, 0.2832, 0.3597



39.5406, 0.2597, 0.3276

Triad

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



39.5406, 0.2832, 0.3597



39.5406, 0.2762, 0.2739



39.5406, 0.3798, 0.3543

Complementary

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



39.5406, 0.2832, 0.3597



26.4306, 0.3556, 0.3005

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.



39.5406, 0.3684, 0.3266



39.5406, 0.2832, 0.3597



39.5406, 0.3071, 0.2818

Square

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



39.5406, 0.2832, 0.3597



39.5406, 0.2559, 0.2792



39.5406, 0.3412, 0.3007



39.5406, 0.3720, 0.3775

Rectangle

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



39.5406, 0.2832, 0.3597



39.5406, 0.2515, 0.3071



39.5406, 0.3412, 0.3007



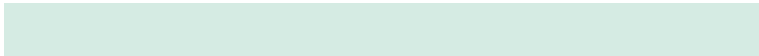
39.5406, 0.3781, 0.3452

Sweetspot

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



39.5422, 0.2832, 0.3597



78.9485, 0.3034, 0.3373



40.1595, 0.3259, 0.4123



16.9429, 0.3020, 0.3386



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.



39.5422, 0.2832, 0.3597



69.7782, 0.2773, 0.3681



37.4193, 0.2683, 0.3178



9.5780, 0.3033, 0.3374



23.6522, 0.2586, 0.4508



0.7549, 0.2480, 0.4126

Inverse Universe

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



26.4306, 0.3556, 0.3005



41.9802, 0.3697, 0.2936



27.7917, 0.3770, 0.3398



8.5547, 0.3232, 0.3207



7.0544, 0.5488, 0.2797



0.2334, 0.4715, 0.2371

Previews

White Background



This preview shows how the Yxy color 39.5406, 0.2832, 0.3597 looks on a white background.

Color Contrast Check

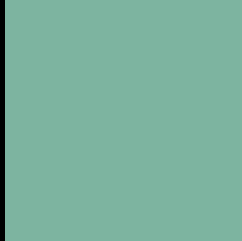
Large Text (above 18pt) WCAG AA × Fail

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 39.5406, 0.2832, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

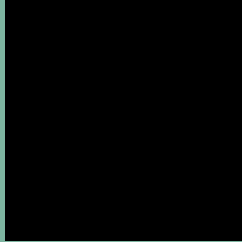
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5406, 0.2832, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 39.5406, 0.2832, 0.3597.

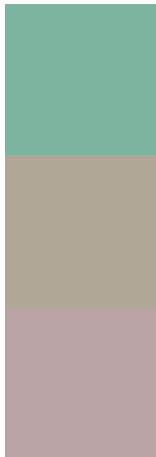


This preview shows how white text looks on a background with the Yxy color 39.5406, 0.2832, 0.3597.

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

39.5406, 0.2832, 0.3597

Protanopia

39.4191, 0.3324, 0.3500

Deuteranopia

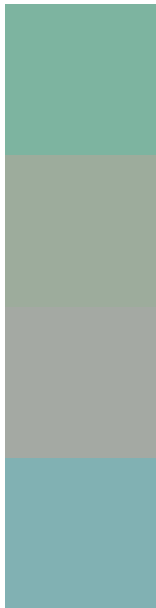
39.3138, 0.3338, 0.3277



Tritanopia

39.5937, 0.2663, 0.3085

Trichromacy



Original Color

39.5406, 0.2832, 0.3597

Protanomaly

39.0734, 0.3125, 0.3523

Deuteranomaly

38.9128, 0.3132, 0.3376

Tritanomaly

39.3661, 0.2725, 0.3259

Monochromacy



Original Color

39.5406, 0.2832, 0.3597

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.8744, 0.3005, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5406, 0.2832, 0.3597 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(125, 180, 160)` looks like.

```
.text, #text, p{  
    color:rgb(125, 180, 160)  
}
```

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(125, 180, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 180, 160) }
```

Border

The CSS property to change the border of an element to Yxy 39.5406, 0.2832, 0.3597 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(125, 180, 160) }
```

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

```
.border{ border-color:rgb(125, 180, 160) }
```

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

Here you see how a box with a 4 pixel rgb(125, 180, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 180, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 180, 160);  
box-shadow:4px 4px 4px 4px rgb(125, 180,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5406, 0.2832, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 180, 160) }
```

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

```
.background{ background-color: rgb(125,  
180, 160) }
```

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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