

Converting Colors

$Yxy(38.6157, 0.2715, 0.3493)$

Have a look what the booklet for
Yxy(38.6157, 0.2715, 0.3493)
contains.

Yxy(38.6382, 0.2718, 0.3492)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.6382, 0.2718, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	73B3A6
RGB	115, 179, 166
RGB Percent	45%, 70%, 65%
CMY	0.5489, 0.2980, 0.3491
CMYK	0.36, 0.00, 0.07, 0.30
HSL	168°, 30%, 58%
HSV	168°, 36%, 70%
XYZ	30.0741, 38.6382, 41.9355
YIQ	158.3820, -33.9710, -17.6110

Conversions

Conversions Part 2

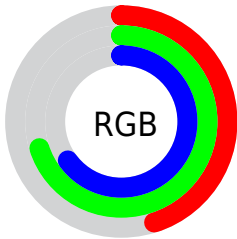
Format	Color
RYB	115, 151, 179
Decimal	7582630
CIELab	68.49, -23.46, 0.16
CIElCh	68, 23.462, 179.619
Yxy	38.6382, 0.2718, 0.3492
Android (android.graphics.Color)	4285772710 (0xFF73B3A6)
YUV	158.3820, 3.7557, -38.0460
Hunter-Lab	62.1596, -22.4175, 3.5122

Details

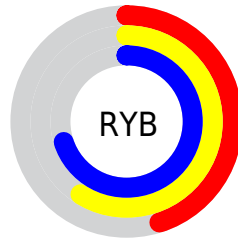
The Yxy color **38.6382, 0.2718, 0.3492** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.4127, 0.3792, 0.3101**, and the grayscale version is **34.3716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0721, 0.2794, 0.3453**, and **17.1934, 0.2597, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **37.4095, 0.2627, 0.3559**, and if you desaturate by 10%, it is **40.1094, 0.2822, 0.3429**.

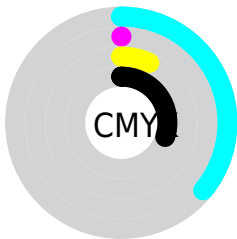
Distribution



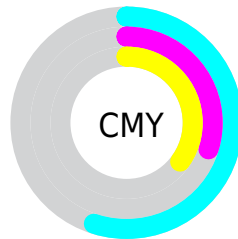
- Red (45%)
- Green (70%)
- Blue (65%)



- Red (45%)
- Yellow (59%)
- Blue (70%)



- Cyan (36%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)





- Cyan (55%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6382, 0.2718, 0.3492 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 38.6382, 0.2718, 0.3492 by changing the saturation by 10% instead.


 38.6382, 0.2718,
0.3492


 38.6382, 0.2718,
0.3492

340.3498, 0.2928,
0.3388


 26.4784, 0.2664,
0.3519


 73.0853, 0.2796,
0.3454

 17.1819, 0.2593,
0.3554


 96.1413, 0.2825,
0.3439

 10.3642, 0.2496,
0.3602


 123.5983, 0.2849,
0.3427

 5.6411, 0.2358,
0.3670

155.8405, 0.2869,
0.3417

 2.6281, 0.2144,
0.3776

193.2523, 0.2887,
0.3409

 0.9408, 0.1409,
0.4137

236.2182, 0.2903,

 0.0000, 0.0000,

0.3401

0.0000

285.1226, 0.2916,
0.3394

■ 38.6382, 0.2718,
0.3492

■ 38.6382, 0.2718,
0.3492

■ 37.4095, 0.2627,
0.3559

■ 40.1094, 0.2822,
0.3429

■ 36.4050, 0.2551,
0.3628

■ 41.8312, 0.2935,
0.3371

■ 35.6110, 0.2492,
0.3701


■ 43.8167, 0.3056,
0.3318


■ 35.0106, 0.2453,
0.3774


■ 46.0770, 0.3181,
0.3270

■ 34.5841, 0.2432,
0.3848


■ 48.6224, 0.3308,
0.3227


 34.3065, 0.2430,
0.3921

 51.4628, 0.3435,
0.3188

 34.2100, 0.2431,
0.3952

 54.6074, 0.3560,
0.3155

 57.4469, 0.3655,
0.3123

 57.6140, 0.3623,
0.3086

Harmonies

Analogous

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



38.6382, 0.3028, 0.3781



38.6382, 0.2718, 0.3492



38.6382, 0.2523, 0.3155

Triad

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



38.6382, 0.2718, 0.3492



38.6382, 0.2855, 0.2734



38.6382, 0.3817, 0.3648

Complementary

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



38.6382, 0.2718, 0.3492



23.4127, 0.3792, 0.3101

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.



38.6382, 0.3771, 0.3369



38.6382, 0.2718, 0.3492



38.6382, 0.3199, 0.2861

Square

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



38.6382, 0.2718, 0.3492



38.6382, 0.2598, 0.2737



38.6382, 0.3539, 0.3088



38.6382, 0.3668, 0.3854

Rectangle

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



38.6382, 0.2718, 0.3492



38.6382, 0.2477, 0.2961



38.6382, 0.3539, 0.3088



38.6382, 0.3824, 0.3559

Sweetspot

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



38.6398, 0.2718, 0.3492



76.4762, 0.2989, 0.3347



38.1378, 0.3193, 0.4310



16.8397, 0.2973, 0.3354



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.



38.6398, 0.2718, 0.3492



67.4083, 0.2644, 0.3545



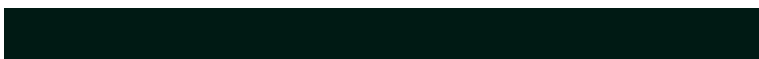
32.3483, 0.2594, 0.3003



9.6013, 0.3012, 0.3337



24.1836, 0.2429, 0.3944



0.7684, 0.2372, 0.3740

Inverse Universe

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



23.4127, 0.3792, 0.3101



36.0260, 0.4017, 0.3060



27.6403, 0.3873, 0.3557



8.5326, 0.3256, 0.3244



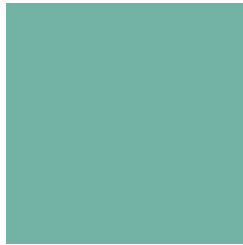
6.8721, 0.6033, 0.3097



0.2245, 0.5288, 0.2687

Previews

White Background



This preview shows how the Yxy color 38.6382, 0.2718, 0.3492 looks on a white background.

Color Contrast Check

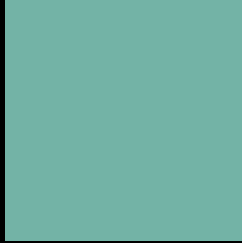
Large Text (above 18pt) WCAG AA × Fail

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 38.6382, 0.2718, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

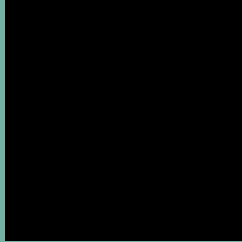
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6382, 0.2718, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 38.6382, 0.2718, 0.3492.



This preview shows how white text looks on a background with the Yxy color 38.6382, 0.2718, 0.3492.

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

38.6382, 0.2718, 0.3492

Protanopia

38.3990, 0.3244, 0.3403

Deuteranopia

38.2158, 0.3238, 0.3168



Tritanopia

38.8333, 0.2595, 0.3081

Trichromacy



Original Color

38.6382, 0.2718, 0.3492

Protanomaly

38.2783, 0.3031, 0.3437

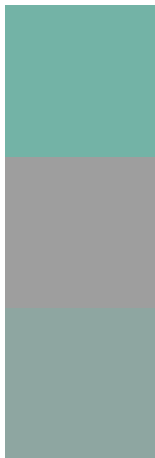
Deuteranomaly

38.0379, 0.3020, 0.3275

Tritanomaly

38.7024, 0.2642, 0.3228

Monochromacy



Original Color

38.6382, 0.2718, 0.3492

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.5964, 0.2952, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6382, 0.2718, 0.3492 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(115, 179, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 179, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.6382, 0.2718, 0.3492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

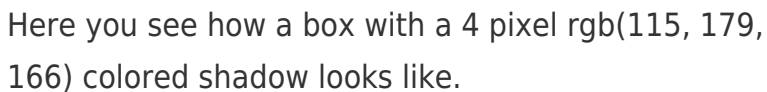
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 179, 166) }
```

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

```
.border{ border-color:rgb(115, 179, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 179, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 179, 166); box-shadow:4px 4px 4px 4px rgb(115, 179, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6382, 0.2718, 0.3492 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, 166) }
```

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

```
.background{ background-color: rgb(115,  
179, 166) }
```

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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