

Converting Colors

$Yxy(38.8498, 0.2657, 0.3132)$

Have a look what the booklet for
Yxy(38.8498, 0.2657, 0.3132)
contains.

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Color

Yxy(38.6407, 0.2653, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	7EAFBA
RGB	126, 175, 186
RGB Percent	49%, 69%, 73%
CMY	0.5059, 0.3137, 0.2706
CMYK	0.32, 0.06, 0.00, 0.27
HSL	191°, 30%, 61%
HSV	191°, 32%, 73%
XYZ	32.7939, 38.6407, 52.1761
YIQ	161.6030, -32.7350, -6.9670

Conversions

Conversions Part 2

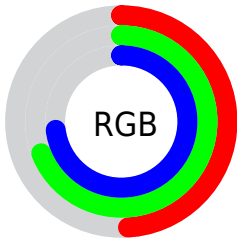
Format	Color
RYB	126, 153, 186
Decimal	8302522
CIELab	68.49, -13.49, -10.83
CIElCh	68, 17.305, 218.762
Yxy	38.6407, 0.2653, 0.3126
Android (android.graphics.Color)	4286492602 (0xFF7EAFBA)
YUV	161.6030, 12.0277, -31.2238
Hunter-Lab	62.1616, -14.6137, -6.2526

Details

The Yxy color **38.6407, 0.2653, 0.3126** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.8243, 0.3808, 0.3447**, and the grayscale version is **35.8893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2659, 0.2740, 0.3165**, and **17.0684, 0.2511, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **36.0494, 0.2522, 0.3067**, and if you desaturate by 10%, it is **41.5313, 0.2794, 0.3181**.

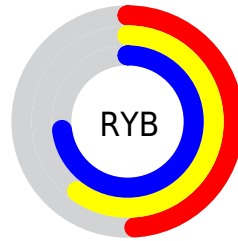
Distribution



Red (49%)

Green (69%)

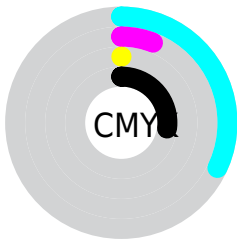
Blue (73%)



Red (49%)

Yellow (60%)

Blue (73%)

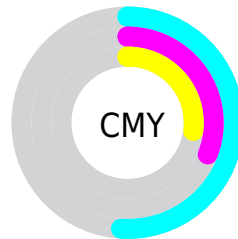


Cyan (32%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (51%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6407, 0.2653, 0.3126 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 38.6407, 0.2653, 0.3126 by changing the saturation by 10% instead.


 38.6407, 0.2653,
0.3126

 38.6407, 0.2653,
0.3126


340.3605, 0.2894,
0.3214

 26.4803, 0.2592,
0.3102


 73.0891, 0.2741,
0.3160

 17.1833, 0.2513,
0.3070


 96.1459, 0.2774,
0.3172

 10.3653, 0.2407,
0.3024


 123.6037, 0.2802,
0.3182

 5.6418, 0.2258,
0.2957

155.8468, 0.2826,
0.3190

 2.6285, 0.2033,
0.2846

193.2596, 0.2846,
0.3198

 0.9410, 0.1594,
0.2660

236.2266, 0.2864,

 0.0000, 0.0000,

0.3204

0.0000

285.1321, 0.2880,
0.3210

■ 38.6407, 0.2653,
0.3126

■ 38.6407, 0.2653,
0.3126

■ 36.0494, 0.2522,
0.3067

■ 41.5313, 0.2794,
0.3181

■ 33.7380, 0.2405,
0.3005

■ 44.7302, 0.2941,
0.3233

■ 31.6917, 0.2303,
0.2941

■ 48.2518, 0.3093,
0.3280

■ 29.8924, 0.2219,
0.2875

■ 52.1082, 0.3245,
0.3323

■ 28.3193, 0.2154,
0.2809

■ 56.3106, 0.3397,
0.3361

■ 26.9478, 0.2108,
0.2744

■ 60.8699, 0.3546,
0.3395

■ 25.9871, 0.2082,
0.2694

■ 65.5726, 0.3682,
0.3425

■ 67.1544, 0.3672,
0.3460

■ 68.7714, 0.3663,
0.3495

Harmonies

Analogous

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



38.6407, 0.2769, 0.3365



38.6407, 0.2653, 0.3126



38.6407, 0.2658, 0.2946

Triad

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



38.6407, 0.2653, 0.3126



38.6407, 0.3262, 0.3014



38.6407, 0.3472, 0.3733

Complementary

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



38.6407, 0.2653, 0.3126



29.8243, 0.3808, 0.3447

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.



38.6407, 0.3617, 0.3615



38.6407, 0.2653, 0.3126



38.6407, 0.3494, 0.3204

Square

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



38.6407, 0.2653, 0.3126



38.6407, 0.3001, 0.2892



38.6407, 0.3626, 0.3420



38.6407, 0.3237, 0.3729

Rectangle

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



38.6407, 0.2653, 0.3126



38.6407, 0.2729, 0.2880



38.6407, 0.3626, 0.3420



38.6407, 0.3533, 0.3706

Sweetspot

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



38.6422, 0.2653, 0.3126



82.3781, 0.2973, 0.3243



41.3237, 0.3013, 0.4068



17.9491, 0.2951, 0.3236



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



38.6422, 0.2653, 0.3126



66.5314, 0.2555, 0.3083



28.5325, 0.2598, 0.2672



9.9236, 0.2985, 0.3247



17.5870, 0.2084, 0.2702



0.6936, 0.2131, 0.2870

Inverse Universe

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



28.4508, 0.3279, 0.2632



45.4643, 0.3323, 0.2483



39.2107, 0.3684, 0.3838



9.1338, 0.3165, 0.3105



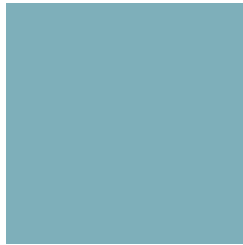
8.5578, 0.3726, 0.1826



0.3091, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 38.6407, 0.2653, 0.3126 looks on a white background.

Color Contrast Check

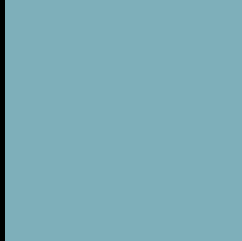
Large Text (above 18pt) WCAG AA × Fail

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 38.6407, 0.2653, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

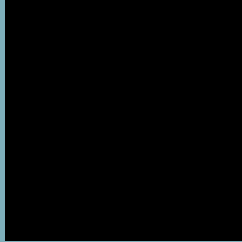
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

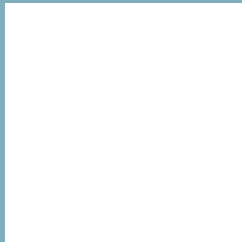
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.6407, 0.2653, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 38.6407, 0.2653, 0.3126.

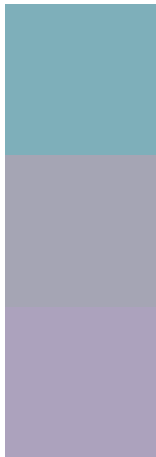


This preview shows how white text looks on a background with the Yxy color 38.6407, 0.2653, 0.3126.

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

38.6407, 0.2653, 0.3126

Protanopia

38.2049, 0.3001, 0.3081

Deuteranopia

38.2854, 0.2989, 0.2925



Tritanopia

38.8461, 0.2640, 0.3083

Trichromacy



Original Color

38.6407, 0.2653, 0.3126

Protanomaly

38.3326, 0.2866, 0.3103

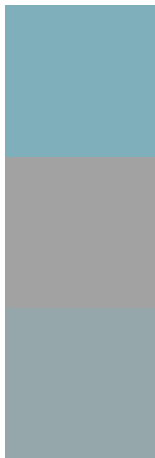
Deuteranomaly

38.2368, 0.2852, 0.2995

Tritanomaly

38.8028, 0.2647, 0.3097

Monochromacy



Original Color

38.6407, 0.2653, 0.3126

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.9673, 0.2933, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6407, 0.2653, 0.3126 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(126, 175, 186)` looks like.

```
.text, #text, p{  
    color:rgb(126, 175, 186)  
}
```

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(126, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 175, 186) }
```

Border

The CSS property to change the border of an element to Yxy 38.6407, 0.2653, 0.3126 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(126, 175, 186) }
```

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

```
.border{ border-color:rgb(126, 175, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 175, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 175, 186); box-shadow:4px 4px 4px 4px rgb(126, 175, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6407, 0.2653, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 175, 186) }
```

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

```
.background{ background-color: rgb(126,  
175, 186) }
```

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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