

Converting Colors

$Yxy(37.6152, 0.2664, 0.3432)$

Have a look what the booklet for
Yxy(37.6152, 0.2664, 0.3432)
contains.

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Color

Yxy(37.5864, 0.2667, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	6EB1A8
RGB	110, 177, 168
RGB Percent	43%, 69%, 66%
CMY	0.5685, 0.3059, 0.3411
CMYK	0.38, 0.00, 0.05, 0.31
HSL	172°, 30%, 56%
HSV	172°, 38%, 69%
XYZ	29.2253, 37.5864, 42.7696
YIQ	155.9410, -37.0430, -17.0030

Conversions

Conversions Part 2

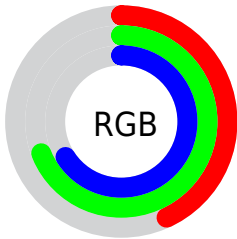
Format	Color
RYB	110, 146, 177
Decimal	7254440
CIELab	67.71, -23.36, -2.14
CIElCh	68, 23.460, 185.225
Yxy	37.5864, 0.2667, 0.3430
Android (android.graphics.Color)	4285444520 (0xFF6EB1A8)
YUV	155.9410, 5.9451, -40.2903
Hunter-Lab	61.3077, -22.1978, 1.5535

Details

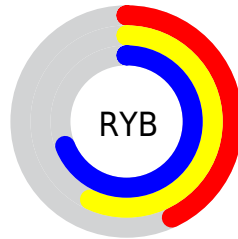
The Yxy color **37.5864, 0.2667, 0.3430** is a light color, and the websafe version is hex **669999**. A complement of this color would be **21.8395, 0.3912, 0.3159**, and the grayscale version is **33.2084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4981, 0.2753, 0.3407**, and **16.5461, 0.2527, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **36.4756, 0.2573, 0.3473**, and if you desaturate by 10%, it is **38.9286, 0.2775, 0.3389**.

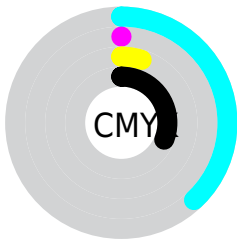
Distribution



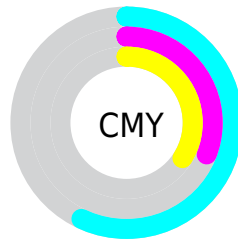
- Red (43%)
- Green (69%)
- Blue (66%)



- Red (43%)
- Yellow (57%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)





- Cyan (57%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5864, 0.2667, 0.3430 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 37.5864, 0.2667, 0.3430 by changing the saturation by 10% instead.


 37.5864, 0.2667,
0.3430


 37.5864, 0.2667,
0.3430


335.8424, 0.2904,
0.3360

 25.6618, 0.2606,
0.3448


 71.4738, 0.2754,
0.3404


 16.5708, 0.2526,
0.3470


 94.2053, 0.2787,
0.3395

 9.9290, 0.2418,
0.3500


 121.3081, 0.2814,
0.3387

 5.3519, 0.2263,
0.3542

 153.1663, 0.2837,
0.3380

 2.4552, 0.2024,
0.3603

190.1645, 0.2857,
0.3374

 0.8541, 0.1108,
0.3919

232.6869, 0.2875,

 0.0000, 0.0000,

0.3368

0.0000

281.1181, 0.2890,
0.3364

■ 37.5864, 0.2667,
0.3430

■ 37.5864, 0.2667,
0.3430

■ 36.4756, 0.2573,
0.3473

■ 38.9286, 0.2775,
0.3389

■ 35.5781, 0.2495,
0.3518

■ 40.5102, 0.2895,
0.3351

■ 34.8803, 0.2435,
0.3564


■ 42.3442, 0.3023,
0.3315


■ 34.3654, 0.2394,
0.3611


■ 44.4414, 0.3157,
0.3283


■ 34.0135, 0.2372,
0.3658


■ 46.8120, 0.3294,
0.3254

 33.7931, 0.2366,
0.3704

 49.4655, 0.3432,
0.3228

 33.7512, 0.2365,
0.3714

 52.4113, 0.3569,
0.3206

 55.6580, 0.3704,
0.3186

 56.3927, 0.3711,
0.3162

Harmonies

Analogous

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



37.5864, 0.2963, 0.3741



37.5864, 0.2667, 0.3430



37.5864, 0.2497, 0.3094

Triad

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



37.5864, 0.2667, 0.3430



37.5864, 0.2913, 0.2744



37.5864, 0.3809, 0.3697

Complementary

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



37.5864, 0.2667, 0.3430



21.8395, 0.3912, 0.3159

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.



37.5864, 0.3801, 0.3424



37.5864, 0.2667, 0.3430



37.5864, 0.3267, 0.2894

Square

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



37.5864, 0.2667, 0.3430



37.5864, 0.2632, 0.2721



37.5864, 0.3598, 0.3136



37.5864, 0.3626, 0.3884

Rectangle

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



37.5864, 0.2667, 0.3430



37.5864, 0.2471, 0.2912



37.5864, 0.3598, 0.3136



37.5864, 0.3829, 0.3612

Sweetspot

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



37.5879, 0.2667, 0.3430



74.6865, 0.2979, 0.3327



36.5681, 0.3157, 0.4390



16.0909, 0.2962, 0.3332



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.5879, 0.2667, 0.3430



65.7086, 0.2591, 0.3464



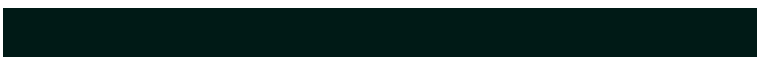
29.4583, 0.2554, 0.2910



9.6116, 0.3003, 0.3321



24.4619, 0.2364, 0.3709



0.7751, 0.2328, 0.3579

Inverse Universe

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



21.8395, 0.3912, 0.3159



33.6152, 0.4167, 0.3133



27.3786, 0.3906, 0.3637



8.5232, 0.3267, 0.3260



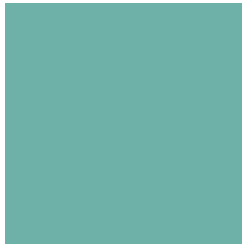
6.8246, 0.6201, 0.3190



0.2206, 0.5607, 0.2862

Previews

White Background



This preview shows how the Yxy color 37.5864, 0.2667, 0.3430 looks on a white background.

Color Contrast Check

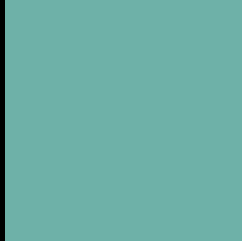
Large Text (above 18pt) WCAG AA × Fail

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 37.5864, 0.2667, 0.3430 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 37.5864, 0.2667, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 37.5864, 0.2667, 0.3430.



This preview shows how white text looks on a background with the Yxy color 37.5864, 0.2667, 0.3430.

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

37.5864, 0.2667, 0.3430

Protanopia

37.0573, 0.3201, 0.3333

Deuteranopia

37.1219, 0.3183, 0.3112



Tritanopia

37.5478, 0.2564, 0.3078

Trichromacy



Original Color

37.5864, 0.2667, 0.3430

Protanomaly

36.8527, 0.2980, 0.3364

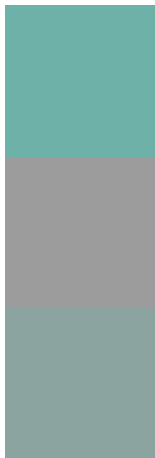
Deuteranomaly

36.9850, 0.2968, 0.3217

Tritanomaly

37.5069, 0.2598, 0.3197

Monochromacy



Original Color

37.5864, 0.2667, 0.3430

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.5780, 0.2933, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5864, 0.2667, 0.3430 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(110, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(110, 177, 168)  
}
```

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(110, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 177, 168) }
```

Border

The CSS property to change the border of an element to Yxy 37.5864, 0.2667, 0.3430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

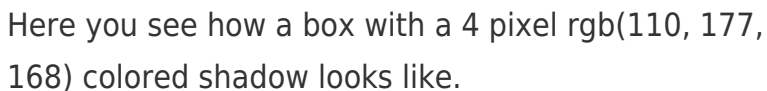
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 177, 168) }
```

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

```
.border{ border-color:rgb(110, 177, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 177, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 177, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 177, 168); box-shadow:4px 4px 4px 4px rgb(110, 177, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5864, 0.2667, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 177, 168) }
```

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

```
.background{ background-color: rgb(110,  
177, 168) }
```

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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