

Converting Colors

$Yxy(37.0938, 0.2448, 0.3103)$

Have a look what the booklet for
Yxy(37.0938, 0.2448, 0.3103)
contains.

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Color

Yxy(37.0612, 0.2446, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	5EB0BC
RGB	94, 176, 188
RGB Percent	37%, 69%, 74%
CMY	0.6311, 0.3098, 0.2627
CMYK	0.50, 0.06, 0.00, 0.26
HSL	188°, 41%, 55%
HSV	188°, 50%, 74%
XYZ	29.2236, 37.0612, 53.1903
YIQ	152.8500, -52.7240, -13.6520

Conversions

Conversions Part 2

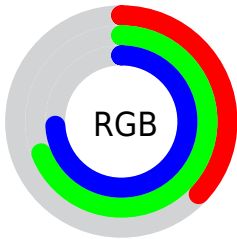
Format	Color
RYB	94, 138, 188
Decimal	6205628
CIELab	67.32, -21.68, -13.85
CIElCh	67, 25.729, 212.580
Yxy	37.0612, 0.2446, 0.3102
Android (android.graphics.Color)	4284395708 (0xFF5EB0BC)
YUV	152.8500, 17.3289, -51.6115
Hunter-Lab	60.8779, -20.8498, -9.1884

Details

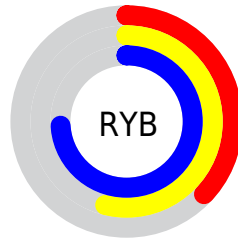
The Yxy color **37.0612, 0.2446, 0.3102** is a light color, and the websafe version is hex **669999**. A complement of this color would be **21.8252, 0.4426, 0.3459**, and the grayscale version is **31.7348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7289, 0.2571, 0.3148**, and **16.2223, 0.2245, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **35.2519, 0.2347, 0.3058**, and if you desaturate by 10%, it is **39.1322, 0.2561, 0.3144**.

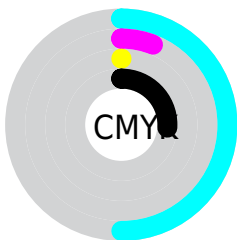
Distribution



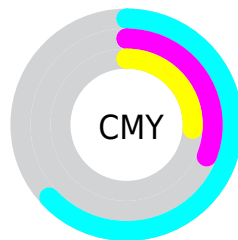
- Red (37%)
- Green (69%)
- Blue (74%)



- Red (37%)
- Yellow (54%)
- Blue (74%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)





- Cyan (63%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0612, 0.2446, 0.3102 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 37.0612, 0.2446, 0.3102 by changing the saturation by 10% instead.


 37.0612, 0.2446,
0.3102


 37.0612, 0.2446,
0.3102


333.5754, 0.2791,
0.3208


 25.2549, 0.2359,
0.3072


 70.6669, 0.2572,
0.3143


 16.2671, 0.2247,
0.3031


 93.2351, 0.2619,
0.3158

 9.7133, 0.2098,
0.2972


 120.1593, 0.2659,
0.3170

 5.2093, 0.1891,
0.2882

 151.8240, 0.2693,
0.3180

 2.3706, 0.1588,
0.2730

188.6136, 0.2723,
0.3188

 0.8107, 0.0753,
0.2531

230.9124, 0.2748,

 0.0000, 0.0000,

0.3196

0.0000

279.1049, 0.2771,
0.3202

■ 37.0612, 0.2446,
0.3102

■ 37.0612, 0.2446,
0.3102

■ 35.2519, 0.2347,
0.3058

■ 39.1322, 0.2561,
0.3144

■ 33.6819, 0.2267,
0.3014

■ 41.4766, 0.2689,
0.3185

■ 32.3324, 0.2205,
0.2969


■ 44.1108, 0.2829,
0.3223

■ 31.1791, 0.2162,
0.2925

■ 47.0485, 0.2976,
0.3258

■ 30.1742, 0.2134,
0.2881


■ 50.3022, 0.3128,
0.3290

 30.1705, 0.2134,
0.2880

 53.8842, 0.3282,
0.3319

 57.8057, 0.3436,
0.3346

 62.0775, 0.3588,
0.3369

 65.1072, 0.3669,
0.3392

Harmonies

Analogous

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



37.0612, 0.2645, 0.3477



37.0612, 0.2446, 0.3102



37.0612, 0.2418, 0.2813

Triad

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



37.0612, 0.2446, 0.3102



37.0612, 0.3244, 0.2837



37.0612, 0.3700, 0.3931

Complementary

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



37.0612, 0.2446, 0.3102



21.8252, 0.4426, 0.3459

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.



37.0612, 0.3887, 0.3710



37.0612, 0.2446, 0.3102



37.0612, 0.3618, 0.3094

Square

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



37.0612, 0.2446, 0.3102



37.0612, 0.2859, 0.2685



37.0612, 0.3859, 0.3406



37.0612, 0.3364, 0.3982

Rectangle

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



37.0612, 0.2446, 0.3102



37.0612, 0.2497, 0.2701



37.0612, 0.3859, 0.3406



37.0612, 0.3783, 0.3872

Sweetspot

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



37.0626, 0.2446, 0.3102



82.3844, 0.2897, 0.3240



39.3710, 0.2989, 0.4677



17.4784, 0.2866, 0.3232



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.



37.0626, 0.2446, 0.3102



63.5782, 0.2338, 0.3054



22.0003, 0.2299, 0.2331



10.5958, 0.2985, 0.3260



20.6173, 0.2135, 0.2886



0.8665, 0.2164, 0.2992

Inverse Universe

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



21.8439, 0.3325, 0.2229



33.5892, 0.3379, 0.2038



33.9557, 0.4080, 0.4076



9.6747, 0.3157, 0.3092



9.1110, 0.3556, 0.1733



0.3628, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 37.0612, 0.2446, 0.3102 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 37.0612, 0.2446, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

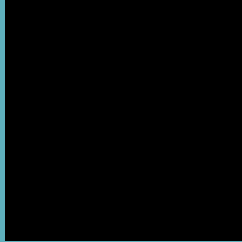
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0612, 0.2446, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 37.0612, 0.2446, 0.3102.



This preview shows how white text looks on a background with the Yxy color 37.0612, 0.2446, 0.3102.

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

37.0612, 0.2446, 0.3102

Protanopia

36.6724, 0.2973, 0.3049

Deuteranopia

36.6014, 0.2902, 0.2837



Tritanopia

37.2013, 0.2440, 0.3072

Trichromacy



Original Color

37.0612, 0.2446, 0.3102

Protanomaly

36.3332, 0.2750, 0.3067

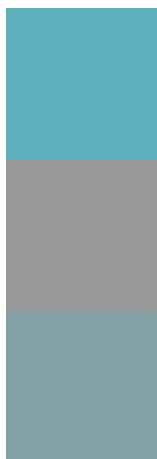
Deuteranomaly

36.1608, 0.2698, 0.2912

Tritanomaly

37.1577, 0.2445, 0.3087

Monochromacy



Original Color

37.0612, 0.2446, 0.3102

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.1484, 0.2823, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0612, 0.2446, 0.3102 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(94, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(94, 176, 188)  
}
```

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(94, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 176, 188) }
```

Border

The CSS property to change the border of an element to Yxy 37.0612, 0.2446, 0.3102 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(94, 176, 188) }
```

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

```
.border{ border-color:rgb(94, 176, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 176, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 176, 188);  
box-shadow:4px 4px 4px 4px rgb(94, 176,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0612, 0.2446, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 176, 188) }
```

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

```
.background{ background-color: rgb(94, 176,  
188) }
```

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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