

Converting Colors

$Y_{xy}(37.3910, 0.2562, 0.3092)$

Have a look what the booklet for
Yxy(37.3910, 0.2562, 0.3092)
contains.

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Color

Yxy(37.4374, 0.2564, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	72AE BB
RGB	114, 174, 187
RGB Percent	45%, 68%, 73%
CMY	0.5529, 0.3176, 0.2667
CMYK	0.39, 0.07, 0.00, 0.27
HSL	191°, 35%, 59%
HSV	191°, 39%, 73%
XYZ	31.0445, 37.4374, 52.5964
YIQ	157.5420, -39.9330, -8.6770

Conversions

Conversions Part 2

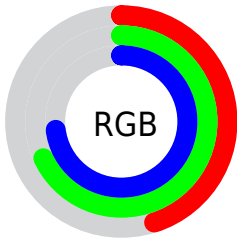
Format	Color
RYB	114, 147, 187
Decimal	7515835
CIELab	67.60, -16.02, -12.78
CIELCh	68, 20.497, 218.579
Yxy	37.4374, 0.2564, 0.3092
Android (android.graphics.Color)	4285705915 (0xFF72AE BB)
YUV	157.5420, 14.5228, -38.1863
Hunter-Lab	61.1861, -16.5088, -8.1362

Details

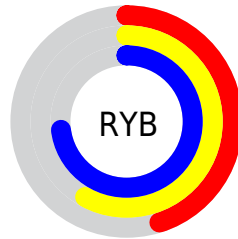
The Yxy color **37.4374, 0.2564, 0.3092** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.9551, 0.4012, 0.3476**, and the grayscale version is **33.9217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4997, 0.2671, 0.3140**, and **16.3566, 0.2391, 0.3007** is the 20% darker color. If you saturate the color by 10%, you get **35.0408, 0.2442, 0.3033**, and if you desaturate by 10%, it is **40.1251, 0.2698, 0.3148**.

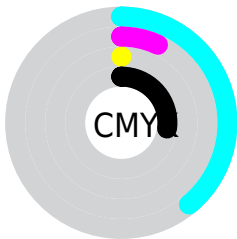
Distribution



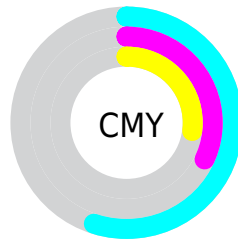
- Red (45%)
- Green (68%)
- Blue (73%)



- Red (45%)
- Yellow (58%)
- Blue (73%)



- Cyan (39%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)





- Cyan (55%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4374, 0.2564, 0.3092 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 37.4374, 0.2564, 0.3092 by changing the saturation by 10% instead.


 37.4374, 0.2564,
0.3092


 37.4374, 0.2564,
0.3092

335.2004, 0.2850,
0.3200

 25.5463, 0.2491,
0.3062


 71.2450, 0.2669,
0.3133

 16.4846, 0.2398,
0.3022


 93.9303, 0.2708,
0.3148

 9.8677, 0.2272,
0.2966


 120.9825, 0.2741,
0.3161

 5.3113, 0.2096,
0.2881

152.7860, 0.2769,
0.3171

 2.4311, 0.1833,
0.2741

189.7251, 0.2794,
0.3180

 0.8418, 0.1227,
0.2526

232.1843, 0.2815,

 0.0000, 0.0000,

0.3187

0.0000

280.5479, 0.2834,
0.3194

■ 37.4374, 0.2564,
0.3092

■ 37.4374, 0.2564,
0.3092

■ 35.0408, 0.2442,
0.3033

■ 40.1251, 0.2698,
0.3148

■ 32.9149, 0.2336,
0.2971

■ 43.1141, 0.2841,
0.3201

■ 31.0435, 0.2247,
0.2908

■ 46.4195, 0.2990,
0.3250

■ 29.4066, 0.2176,
0.2844

■ 50.0538, 0.3142,
0.3294

■ 27.9808, 0.2125,
0.2780

■ 54.0290, 0.3295,
0.3334

■ 26.7244, 0.2090,
0.2717

■ 58.3565, 0.3446,
0.3370

■ 26.6062, 0.2086,
0.2711

■ 63.0468, 0.3595,
0.3402

■ 66.4430, 0.3669,
0.3433

■ 68.0071, 0.3660,
0.3467

Harmonies

Analogous

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



37.4374, 0.2700, 0.3380



37.4374, 0.2564, 0.3092



37.4374, 0.2569, 0.2879

Triad

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



37.4374, 0.2564, 0.3092



37.4374, 0.3286, 0.2961



37.4374, 0.3539, 0.3820

Complementary

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



37.4374, 0.2564, 0.3092



26.9551, 0.4012, 0.3476

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.



37.4374, 0.3714, 0.3674



37.4374, 0.2564, 0.3092



37.4374, 0.3566, 0.3184

Square

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



37.4374, 0.2564, 0.3092



37.4374, 0.2973, 0.2818



37.4374, 0.3725, 0.3440



37.4374, 0.3258, 0.3820

Rectangle

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



37.4374, 0.2564, 0.3092



37.4374, 0.2652, 0.2802



37.4374, 0.3725, 0.3440



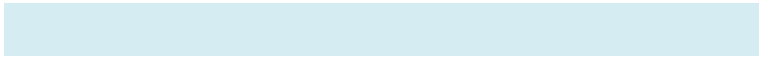
37.4374, 0.3613, 0.3785

Sweetspot

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



37.4389, 0.2564, 0.3092



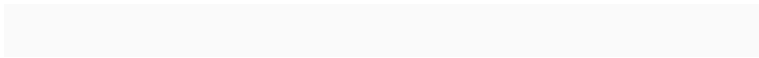
81.2124, 0.2942, 0.3235



40.6244, 0.2991, 0.4265



17.7118, 0.2922, 0.3228



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.



37.4389, 0.2564, 0.3092



63.2843, 0.2457, 0.3040



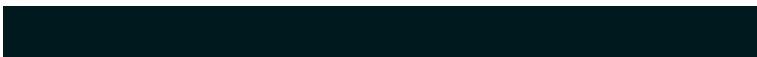
25.4384, 0.2478, 0.2517



10.5129, 0.2985, 0.3248



18.4297, 0.2089, 0.2719



0.7988, 0.2131, 0.2870

Inverse Universe

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



25.6558, 0.3315, 0.2491



39.7360, 0.3369, 0.2322



37.8527, 0.3820, 0.3955



9.6664, 0.3164, 0.3103



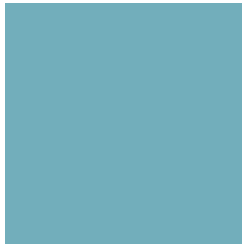
8.8902, 0.3711, 0.1818



0.3560, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 37.4374, 0.2564, 0.3092 looks on a white background.

Color Contrast Check

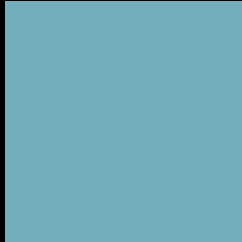
Large Text (above 18pt) WCAG AA × Fail

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 37.4374, 0.2564, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

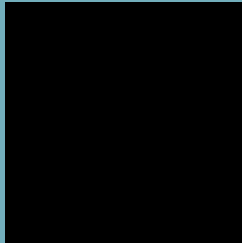
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4374, 0.2564, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 37.4374, 0.2564, 0.3092.



This preview shows how white text looks on a background with the Yxy color 37.4374, 0.2564, 0.3092.

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

37.4374, 0.2564, 0.3092

Protanopia

37.1711, 0.2974, 0.3051

Deuteranopia

37.0748, 0.2936, 0.2879



Tritanopia

37.4804, 0.2558, 0.3077

Trichromacy



Original Color

37.4374, 0.2564, 0.3092

Protanomaly

37.0761, 0.2807, 0.3057

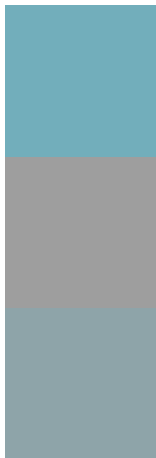
Deuteranomaly

36.8803, 0.2785, 0.2947

Tritanomaly

37.4804, 0.2558, 0.3077

Monochromacy



Original Color

37.4374, 0.2564, 0.3092

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.1663, 0.2887, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4374, 0.2564, 0.3092 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(114, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(114, 174, 187)  
}
```

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(114, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 174, 187) }
```

Border

The CSS property to change the border of an element to Yxy 37.4374, 0.2564, 0.3092 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(114, 174, 187) }
```

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

```
.border{ border-color:rgb(114, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(114, 174,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4374, 0.2564, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 174, 187) }
```

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

```
.background{ background-color: rgb(114,  
174, 187) }
```

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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