

Converting Colors

$Yxy(37.4223, 0.2465, 0.3148)$

Have a look what the booklet for
Yxy(37.4223, 0.2465, 0.3148)
contains.

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Color

Yxy(37.4223, 0.2465, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	5FB1BA
RGB	95, 177, 186
RGB Percent	37%, 69%, 73%
CMY	0.6276, 0.3059, 0.2705
CMYK	0.49, 0.05, 0.00, 0.27
HSL	186°, 40%, 55%
HSV	186°, 49%, 73%
XYZ	29.3030, 37.4223, 52.1511
YIQ	153.5080, -51.7610, -14.5850

Conversions

Conversions Part 2

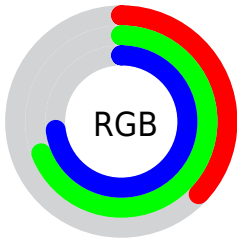
Format	Color
R _Y B	95, 138, 186
Decimal	6271418
CIE Lab	67.59, -22.54, -12.36
CIE LCh	68, 25.703, 208.735
Yxy	37.4223, 0.2465, 0.3148
Android (android.graphics.Color)	4284461498 (0xFF5FB1BA)
YUV	153.5080, 16.0186, -51.3115
Hunter-Lab	61.1738, -21.5502, -7.7235

Details

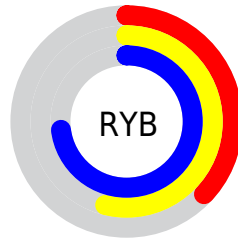
The Yxy color **37.4223, 0.2465, 0.3148** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **21.1649, 0.4406, 0.3419**, and the grayscale version is **32.0303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2679, 0.2587, 0.3183**, and **16.4488, 0.2271, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **35.8207, 0.2368, 0.3115**, and if you desaturate by 10%, it is **39.2744, 0.2578, 0.3180**.

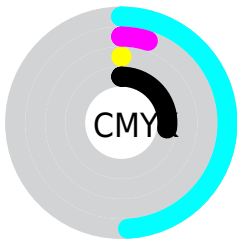
Distribution



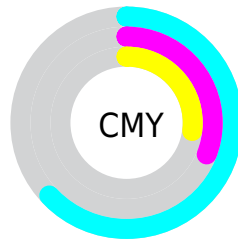
- Red (37%)
- Green (69%)
- Blue (73%)



- Red (37%)
- Yellow (54%)
- Blue (73%)



- Cyan (49%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (63%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4223, 0.2465, 0.3148 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 37.4223, 0.2465, 0.3148 by changing the saturation by 10% instead.


 37.4223, 0.2465,
0.3148


 37.4223, 0.2465,
0.3148


335.1353, 0.2800,
0.3229

 25.5346, 0.2380,
0.3124


 71.2218, 0.2588,
0.3180

 16.4758, 0.2271,
0.3091


 93.9024, 0.2633,
0.3191

 9.8615, 0.2126,
0.3044


 120.9495, 0.2672,
0.3201

 5.3072, 0.1924,
0.2970

 152.7474, 0.2705,
0.3208

 2.4286, 0.1627,
0.2843

189.6805, 0.2734,
0.3215

 0.8406, 0.0797,
0.2695

232.1333, 0.2759,

 0.0000, 0.0000,

0.3220

0.0000

280.4901, 0.2781,
0.3225

■ 37.4223, 0.2465,
0.3148

■ 37.4223, 0.2465,
0.3148

■ 35.8207, 0.2368,
0.3115

■ 39.2744, 0.2578,
0.3180

■ 34.4482, 0.2289,
0.3081

■ 41.3883, 0.2705,
0.3211

■ 33.2864, 0.2230,
0.3046


■ 43.7797, 0.2844,
0.3241

■ 32.3125, 0.2188,
0.3013


■ 46.4617, 0.2991,
0.3268

■ 31.4861, 0.2162,
0.2979


■ 49.4467, 0.3143,
0.3292

 31.4030, 0.2160,
0.2976

 52.7462, 0.3298,
0.3315

 56.3713, 0.3453,
0.3335

 60.3324, 0.3607,
0.3353

 63.2123, 0.3696,
0.3371

Harmonies

Analogous

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



37.4223, 0.2683, 0.3524



37.4223, 0.2465, 0.3148



37.4223, 0.2414, 0.2845

Triad

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



37.4223, 0.2465, 0.3148



37.4223, 0.3193, 0.2813



37.4223, 0.3732, 0.3908

Complementary

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



37.4223, 0.2465, 0.3148



21.1649, 0.4406, 0.3419

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.



37.4223, 0.3893, 0.3673



37.4223, 0.2465, 0.3148



37.4223, 0.3573, 0.3058

Square

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



37.4223, 0.2465, 0.3148



37.4223, 0.2815, 0.2677



37.4223, 0.3836, 0.3364



37.4223, 0.3411, 0.3984

Rectangle

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



37.4223, 0.2465, 0.3148



37.4223, 0.2478, 0.2719



37.4223, 0.3836, 0.3364



37.4223, 0.3807, 0.3843

Sweetspot

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



37.4237, 0.2465, 0.3148



81.0626, 0.2898, 0.3251



38.5323, 0.3010, 0.4694



17.6305, 0.2867, 0.3245



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.



37.4237, 0.2465, 0.3148



64.6302, 0.2359, 0.3111



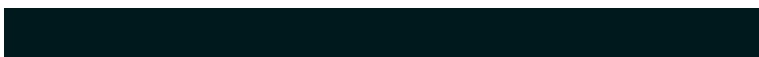
22.7252, 0.2326, 0.2408



10.0544, 0.2985, 0.3267



21.1804, 0.2161, 0.2980



0.7909, 0.2185, 0.3067

Inverse Universe

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



21.7936, 0.3288, 0.2220



33.5126, 0.3331, 0.2022



32.4744, 0.4077, 0.4022



9.1470, 0.3152, 0.3087



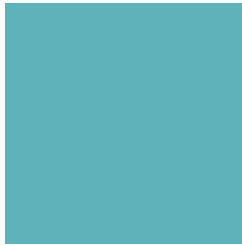
8.9205, 0.3472, 0.1686



0.3189, 0.3396, 0.1644

Previews

White Background



This preview shows how the Yxy color 37.4223, 0.2465, 0.3148 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 37.4223, 0.2465, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

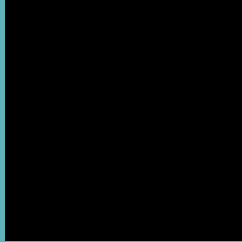
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.4223, 0.2465, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 37.4223, 0.2465, 0.3148.



This preview shows how white text looks on a background with the Yxy color 37.4223, 0.2465, 0.3148.

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

37.4223, 0.2465, 0.3148

Protanopia

37.1552, 0.3008, 0.3092

Deuteranopia

37.0748, 0.2936, 0.2879



Tritanopia

37.2991, 0.2439, 0.3058

Trichromacy



Original Color

37.4223, 0.2465, 0.3148

Protanomaly

36.7038, 0.2774, 0.3111

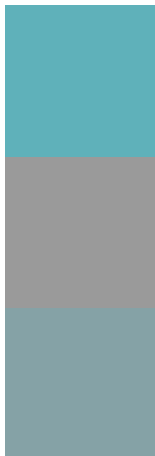
Deuteranomaly

36.6093, 0.2730, 0.2956

Tritanomaly

37.2116, 0.2451, 0.3088

Monochromacy



Original Color

37.4223, 0.2465, 0.3148

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.5804, 0.2833, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4223, 0.2465, 0.3148 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(95, 177, 186)` looks like.

```
.text, #text, p{  
    color:rgb(95, 177, 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(95, 177, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 177, 186) }
```

Border

The CSS property to change the border of an element to Yxy 37.4223, 0.2465, 0.3148 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(95, 177, 186) }
```

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

```
.border{ border-color:rgb(95, 177, 186) }
```

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

Here you see how a box with a 4 pixel rgb(95, 177, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 177, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 177, 186);  
box-shadow:4px 4px 4px 4px rgb(95, 177,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4223, 0.2465, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 177, 186) }
```

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

```
.background{ background-color: rgb(95, 177,  
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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