

Converting Colors

$Yxy(37.5862, 0.2557, 0.3419)$

Have a look what the booklet for
Yxy(37.5862, 0.2557, 0.3419)
contains.

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Color

Yxy(37.5602, 0.2555, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	5EB3AB
RGB	94, 179, 171
RGB Percent	37%, 70%, 67%
CMY	0.6311, 0.2981, 0.3294
CMYK	0.47, 0.00, 0.04, 0.30
HSL	174°, 36%, 54%
HSV	174°, 47%, 70%
XYZ	28.0932, 37.5602, 44.3004
YIQ	152.6730, -48.0920, -20.5080

Conversions

Conversions Part 2

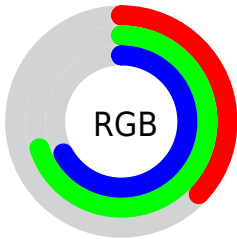
Format	Color
RYB	94, 139, 179
Decimal	6206379
CIELab	67.70, -27.69, -3.90
CIElCh	68, 27.967, 188.010
Yxy	37.5602, 0.2555, 0.3416
Android (android.graphics.Color)	4284396459 (0xFF5EB3AB)
YUV	152.6730, 9.0352, -51.4562
Hunter-Lab	61.2864, -25.4282, 0.0432

Details

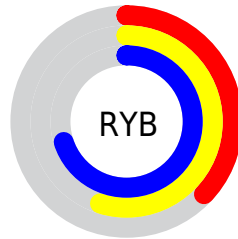
The Yxy color **37.5602, 0.2555, 0.3416** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **18.5630, 0.4280, 0.3178**, and the grayscale version is **31.6903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3917, 0.2665, 0.3397**, and **16.5937, 0.2381, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **36.6579, 0.2474, 0.3447**, and if you desaturate by 10%, it is **38.6857, 0.2653, 0.3386**.

Distribution



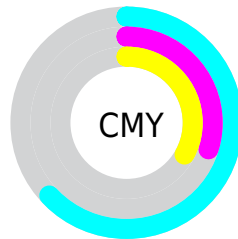
- Red (37%)
- Green (70%)
- Blue (67%)



- Red (37%)
- Yellow (55%)
- Blue (70%)



- Cyan (47%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)





- Cyan (63%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5602, 0.2555, 0.3416 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 37.5602, 0.2555, 0.3416 by changing the saturation by 10% instead.


 37.5602, 0.2555,
0.3416


 37.5602, 0.2555,
0.3416


335.7296, 0.2848,
0.3355

 25.6415, 0.2480,
0.3430


 71.4335, 0.2663,
0.3394


 16.5557, 0.2383,
0.3449


 94.1570, 0.2703,
0.3386

 9.9182, 0.2251,
0.3471


 121.2508, 0.2737,
0.3379

 5.3448, 0.2065,
0.3501

 153.0994, 0.2765,
0.3373

 2.4509, 0.1782,
0.3538

190.0872, 0.2790,
0.3367

 0.8519, 0.0606,
0.3863

232.5986, 0.2812,

 0.0000, 0.0000,

0.3363

0.0000

281.0179, 0.2831,
0.3359

■ 37.5602, 0.2555,
0.3416

■ 37.5602, 0.2555,
0.3416

■ 36.6579, 0.2474,
0.3447

■ 38.6857, 0.2653,
0.3386

■ 35.9590, 0.2410,
0.3479

■ 40.0440, 0.2766,
0.3358

■ 35.4476, 0.2366,
0.3511


■ 41.6492, 0.2890,
0.3331

■ 35.1036, 0.2340,
0.3542

■ 43.5132, 0.3024,
0.3307

■ 34.8965, 0.2330,
0.3574


■ 45.6471, 0.3163,
0.3284

 34.8516, 0.2328,
0.3582

 48.0613, 0.3307,
0.3264

 50.7656, 0.3451,
0.3246

 53.7695, 0.3595,
0.3231

 57.0490, 0.3735,
0.3217

Harmonies

Analogous

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



37.5602, 0.2891, 0.3805



37.5602, 0.2555, 0.3416



37.5602, 0.2374, 0.3018

Triad

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



37.5602, 0.2555, 0.3416



37.5602, 0.2907, 0.2659



37.5602, 0.3928, 0.3793

Complementary

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



37.5602, 0.2555, 0.3416



18.5630, 0.4280, 0.3178

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.



37.5602, 0.3944, 0.3473



37.5602, 0.2555, 0.3416



37.5602, 0.3331, 0.2846

Square

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



37.5602, 0.2555, 0.3416



37.5602, 0.2566, 0.2614



37.5602, 0.3720, 0.3135



37.5602, 0.3688, 0.4009

Rectangle

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



37.5602, 0.2555, 0.3416



37.5602, 0.2356, 0.2811



37.5602, 0.3720, 0.3135



37.5602, 0.3961, 0.3693

Sweetspot

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



37.5617, 0.2555, 0.3416



75.6175, 0.2932, 0.3323



35.9051, 0.3122, 0.4732



16.6014, 0.2904, 0.3329



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.5617, 0.2555, 0.3416



65.5850, 0.2470, 0.3449



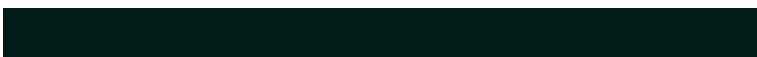
25.8974, 0.2404, 0.2720



9.6175, 0.2998, 0.3311



24.6352, 0.2327, 0.3578



0.7791, 0.2303, 0.3490

Inverse Universe

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



18.5630, 0.4280, 0.3178



27.4114, 0.4701, 0.3161



25.8424, 0.4150, 0.3785



8.5178, 0.3273, 0.3269



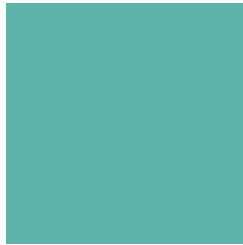
6.8051, 0.6274, 0.3230



0.2183, 0.5816, 0.2977

Previews

White Background



This preview shows how the Yxy color 37.5602, 0.2555, 0.3416 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 37.5602, 0.2555, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

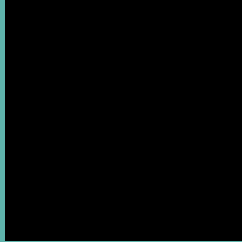
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5602, 0.2555, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 37.5602, 0.2555, 0.3416.



This preview shows how white text looks on a background with the Yxy color 37.5602, 0.2555, 0.3416.

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

37.5602, 0.2555, 0.3416

Protanopia

37.0185, 0.3174, 0.3304

Deuteranopia

37.0054, 0.3137, 0.3070



Tritanopia

37.4777, 0.2467, 0.3074

Trichromacy



Original Color

37.5602, 0.2555, 0.3416

Protanomaly

36.6680, 0.2905, 0.3350

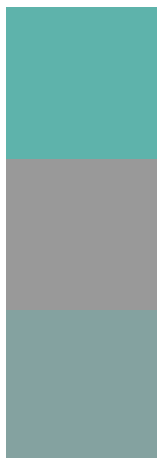
Deuteranomaly

36.4394, 0.2883, 0.3171

Tritanomaly

37.4598, 0.2499, 0.3195

Monochromacy



Original Color

37.5602, 0.2555, 0.3416

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.2843, 0.2871, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5602, 0.2555, 0.3416 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, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(94, 179, 171)  
}
```

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, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 179, 171) }
```

Border

The CSS property to change the border of an element to Yxy 37.5602, 0.2555, 0.3416 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, 179, 171) }
```

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

```
.border{ border-color:rgb(94, 179, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(94, 179,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5602, 0.2555, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 179, 171) }
```

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

```
.background{ background-color: rgb(94, 179,  
171) }
```

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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