

Converting Colors

$Y_{xy}(37.1102, 0.2500, 0.3233)$

Have a look what the booklet for
Yxy(37.1102, 0.2500, 0.3233)
contains.

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Color

Yxy(37.1725, 0.2501, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	5FB1B4
RGB	95, 177, 180
RGB Percent	37%, 69%, 71%
CMY	0.6271, 0.3059, 0.2942
CMYK	0.47, 0.02, 0.00, 0.29
HSL	182°, 36%, 54%
HSV	182°, 47%, 71%
XYZ	28.6851, 37.1725, 48.8369
YIQ	152.8240, -49.8350, -16.4510

Conversions

Conversions Part 2

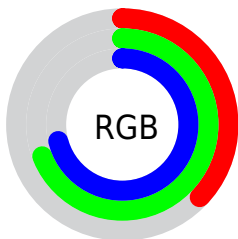
Format	Color
RYB	95, 137, 180
Decimal	6271412
CIELab	67.41, -24.13, -9.29
CIELCh	67, 25.852, 201.061
Yxy	37.1725, 0.2501, 0.3241
Android (android.graphics.Color)	4284461492 (0xFF5FB1B4)
YUV	152.8240, 13.3978, -50.7116
Hunter-Lab	60.9693, -22.7147, -4.8134

Details

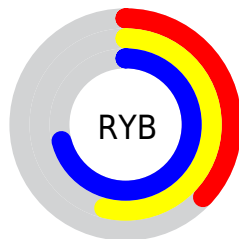
The Yxy color **37.1725, 0.2501, 0.3241** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **19.2807, 0.4372, 0.3337**, and the grayscale version is **31.7407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9133, 0.2617, 0.3253**, and **16.3049, 0.2316, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **36.0675, 0.2409, 0.3229**, and if you desaturate by 10%, it is **38.5043, 0.2610, 0.3252**.

Distribution



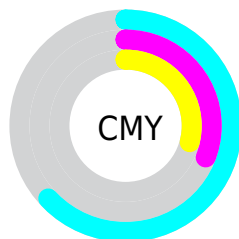
- Red (37%)
- Green (69%)
- Blue (71%)



- Red (37%)
- Yellow (54%)
- Blue (71%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1725, 0.2501, 0.3241 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 37.1725, 0.2501, 0.3241 by changing the saturation by 10% instead.


 37.1725, 0.2501,
0.3241


 37.1725, 0.2501,
0.3241


334.0567, 0.2820,
0.3273


 25.3411, 0.2420,
0.3230


 70.8380, 0.2618,
0.3255


 16.3314, 0.2315,
0.3214


 93.4409, 0.2661,
0.3259

 9.7589, 0.2175,
0.3190


 120.4030, 0.2698,
0.3263

 5.2394, 0.1979,
0.3150

 152.1089, 0.2730,
0.3266

 2.3884, 0.1685,
0.3074

188.9428, 0.2757,
0.3268

 0.8199, 0.0711,
0.3064

231.2891, 0.2780,

 0.0000, 0.0000,

0.3270

0.0000

279.5323, 0.2801,
0.3272

■ 37.1725, 0.2501,
0.3241

■ 37.1725, 0.2501,
0.3241

■ 36.0675, 0.2409,
0.3229

■ 38.5043, 0.2610,
0.3252

■ 35.1694, 0.2334,
0.3218

■ 40.0727, 0.2735,
0.3263

■ 34.4621, 0.2279,
0.3206


■ 41.8919, 0.2872,
0.3274


■ 33.9252, 0.2242,
0.3194

■ 43.9740, 0.3018,
0.3283

■ 33.5291, 0.2221,
0.3183

■ 46.3301, 0.3171,
0.3292

 33.4270, 0.2217,
0.3180

 48.9709, 0.3328,
0.3301

 51.9063, 0.3486,
0.3308

 55.1458, 0.3643,
0.3315

 58.3024, 0.3779,
0.3320

Harmonies

Analogous

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



37.1725, 0.2759, 0.3620



37.1725, 0.2501, 0.3241



37.1725, 0.2405, 0.2907

Triad

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



37.1725, 0.2501, 0.3241



37.1725, 0.3091, 0.2762



37.1725, 0.3797, 0.3863

Complementary

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



37.1725, 0.2501, 0.3241



19.2807, 0.4372, 0.3337

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.



37.1725, 0.3906, 0.3599



37.1725, 0.2501, 0.3241



37.1725, 0.3485, 0.2985

Square

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



37.1725, 0.2501, 0.3241



37.1725, 0.2729, 0.2660



37.1725, 0.3792, 0.3283



37.1725, 0.3506, 0.3990

Rectangle

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



37.1725, 0.2501, 0.3241



37.1725, 0.2440, 0.2755



37.1725, 0.3792, 0.3283



37.1725, 0.3857, 0.3786

Sweetspot

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



37.1739, 0.2501, 0.3241



77.0254, 0.2914, 0.3277



35.9561, 0.3041, 0.4703



16.4813, 0.2883, 0.3275



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.



37.1739, 0.2501, 0.3241



65.2619, 0.2402, 0.3228



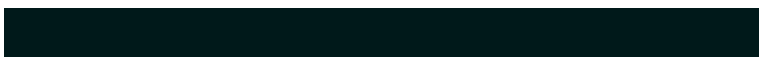
22.9789, 0.2371, 0.2524



9.5791, 0.2986, 0.3281



23.3545, 0.2217, 0.3181



0.7506, 0.2226, 0.3213

Inverse Universe

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



21.0761, 0.3215, 0.2196



32.5843, 0.3236, 0.1988



29.3937, 0.4062, 0.3938



8.6414, 0.3143, 0.3073



8.8978, 0.3298, 0.1590



0.2816, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 37.1725, 0.2501, 0.3241 looks on a white background.

Color Contrast Check

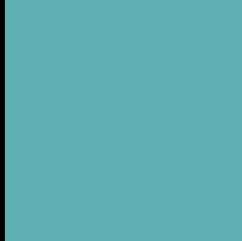
Large Text (above 18pt) WCAG AA × Fail

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 37.1725, 0.2501, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

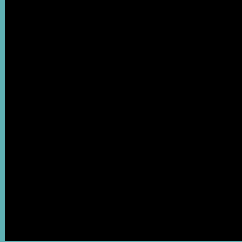
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

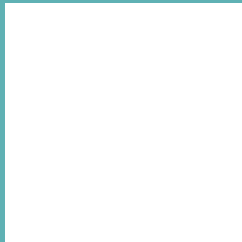
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.1725, 0.2501, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 37.1725, 0.2501, 0.3241.



This preview shows how white text looks on a background with the Yxy color 37.1725, 0.2501, 0.3241.

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

37.1725, 0.2501, 0.3241

Protanopia

36.6734, 0.3068, 0.3162

Deuteranopia

36.6920, 0.3003, 0.2946



Tritanopia

36.9743, 0.2453, 0.3058

Trichromacy



Original Color

37.1725, 0.2501, 0.3241

Protanomaly

36.1824, 0.2826, 0.3184

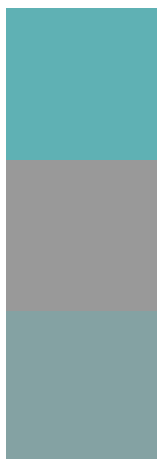
Deuteranomaly

36.4421, 0.2782, 0.3040

Tritanomaly

37.1372, 0.2473, 0.3133

Monochromacy



Original Color

37.1725, 0.2501, 0.3241

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.3905, 0.2848, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1725, 0.2501, 0.3241 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(95, 177, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 177, 180) }
```

Border

The CSS property to change the border of an element to Yxy 37.1725, 0.2501, 0.3241 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, 180) }
```

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

```
.border{ border-color:rgb(95, 177, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(95, 177,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1725, 0.2501, 0.3241 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, 180) }
```

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

```
.background{ background-color: rgb(95, 177,  
180) }
```

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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