

Converting Colors

$Yxy(37.9114, 0.2703, 0.3764)$

Have a look what the booklet for
Yxy(37.9114, 0.2703, 0.3764)
contains.

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Color

Yxy(37.9114, 0.2703, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	62B598
RGB	98, 181, 152
RGB Percent	38%, 71%, 60%
CMY	0.6158, 0.2902, 0.4040
CMYK	0.46, 0.00, 0.16, 0.29
HSL	159°, 36%, 55%
HSV	159°, 46%, 71%
XYZ	27.2249, 37.9114, 35.5847
YIQ	152.8770, -40.1590, -26.6150

Conversions

Conversions Part 2

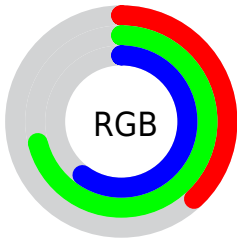
Format	Color
RYB	98, 148, 181
Decimal	6469016
CIELab	67.96, -32.28, 6.99
CIElCh	68, 33.030, 167.786
Yxy	37.9114, 0.2703, 0.3764
Android (android.graphics.Color)	4284659096 (0xFF62B598)
YUV	152.8770, -0.4324, -48.1271
Hunter-Lab	61.5722, -28.8255, 8.8348

Details

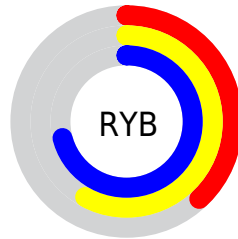
The Yxy color **37.9114, 0.2703, 0.3764** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **20.0857, 0.3901, 0.2875**, and the grayscale version is **31.8109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7969, 0.2788, 0.3668**, and **16.8702, 0.2571, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **36.8160, 0.2640, 0.3890**, and if you desaturate by 10%, it is **39.2485, 0.2780, 0.3645**.

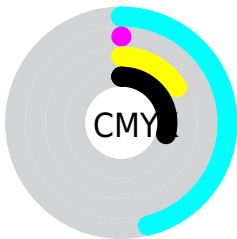
Distribution



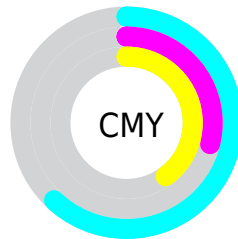
- Red (38%)
- Green (71%)
- Blue (60%)



- Red (38%)
- Yellow (58%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)





- Cyan (62%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9114, 0.2703, 0.3764 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 37.9114, 0.2703, 0.3764 by changing the saturation by 10% instead.


 37.9114, 0.2703,
0.3764


 37.9114, 0.2703,
0.3764


337.2397, 0.2925,
0.3512

 25.9139, 0.2644,
0.3832


 71.9723, 0.2786,
0.3669


 16.7593, 0.2566,
0.3923


 94.8046, 0.2817,
0.3634

 10.0630, 0.2459,
0.4051


 122.0172, 0.2842,
0.3605

 5.4407, 0.2302,
0.4242

 153.9946, 0.2864,
0.3581

 2.5081, 0.2052,
0.4559

191.1211, 0.2882,
0.3560

 0.8807, 0.0350,
0.6290

233.7812, 0.2899,

 0.0000, 0.0000,

0.3542

0.0000

282.3593, 0.2913,
0.3526

■ 37.9114, 0.2703,
0.3764

■ 37.9114, 0.2703,
0.3764

■ 36.8160, 0.2640,
0.3890

■ 39.2485, 0.2780,
0.3645

■ 35.9420, 0.2593,
0.4020

■ 40.8371, 0.2868,
0.3534

■ 35.2734, 0.2565,
0.4154


■ 42.6918, 0.2965,
0.3433


■ 34.7896, 0.2558,
0.4288

■ 44.8247, 0.3066,
0.3340

■ 34.4646, 0.2569,
0.4420


■ 47.2472, 0.3170,
0.3257

 34.3537, 0.2576,
0.4474

 49.9703, 0.3275,
0.3183

 53.0040, 0.3379,
0.3117

 56.3580, 0.3481,
0.3059

 58.9106, 0.3531,
0.3003

Harmonies

Analogous

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



37.9114, 0.3169, 0.4113



37.9114, 0.2703, 0.3764



37.9114, 0.2367, 0.3272

Triad

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



37.9114, 0.2703, 0.3764



37.9114, 0.2583, 0.2502



37.9114, 0.4115, 0.3622

Complementary

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



37.9114, 0.2703, 0.3764



20.0857, 0.3901, 0.2875

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.



37.9114, 0.3941, 0.3229



37.9114, 0.2703, 0.3764



37.9114, 0.3022, 0.2613

Square

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



37.9114, 0.2703, 0.3764



37.9114, 0.2306, 0.2572



37.9114, 0.3527, 0.2872



37.9114, 0.3999, 0.3972

Rectangle

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



37.9114, 0.2703, 0.3764



37.9114, 0.2252, 0.2966



37.9114, 0.3527, 0.2872



37.9114, 0.4089, 0.3491

Sweetspot

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



37.9129, 0.2703, 0.3764



77.0448, 0.2981, 0.3417



38.4470, 0.3294, 0.4607



16.4868, 0.2960, 0.3437



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.



37.9129, 0.2703, 0.3764



65.9223, 0.2640, 0.3890



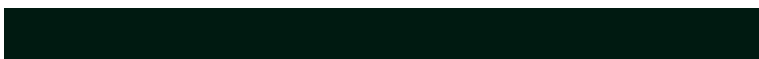
34.1411, 0.2487, 0.3090



9.5801, 0.3031, 0.3371



23.6937, 0.2572, 0.4457



0.7560, 0.2470, 0.4091

Inverse Universe

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



20.0857, 0.3901, 0.2875



30.0370, 0.4171, 0.2797



21.9493, 0.4254, 0.3473



8.5527, 0.3234, 0.3211



7.0336, 0.5543, 0.2827



0.2326, 0.4759, 0.2395

Previews

White Background



This preview shows how the Yxy color 37.9114, 0.2703, 0.3764 looks on a white background.

Color Contrast Check

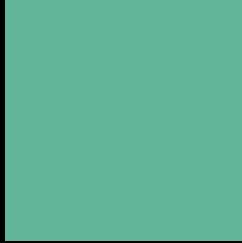
Large Text (above 18pt) WCAG AA × Fail

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 37.9114, 0.2703, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

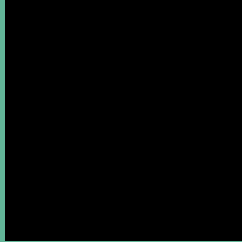
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9114, 0.2703, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 37.9114, 0.2703, 0.3764.



This preview shows how white text looks on a background with the Yxy color 37.9114, 0.2703, 0.3764.

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

37.9114, 0.2703, 0.3764

Protanopia

37.4183, 0.3403, 0.3590

Deuteranopia

37.4209, 0.3392, 0.3318



Tritanopia

37.9565, 0.2513, 0.3077

Trichromacy



Original Color

37.9114, 0.2703, 0.3764

Protanomaly

36.9358, 0.3110, 0.3656

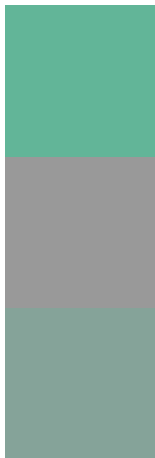
Deuteranomaly

36.7763, 0.3100, 0.3469

Tritanomaly

37.9184, 0.2580, 0.3320

Monochromacy



Original Color

37.9114, 0.2703, 0.3764

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.4808, 0.2937, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9114, 0.2703, 0.3764 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(98, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(98, 181, 152)  
}
```

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(98, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 181, 152) }
```

Border

The CSS property to change the border of an element to Yxy 37.9114, 0.2703, 0.3764 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(98, 181, 152) }
```

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

```
.border{ border-color:rgb(98, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(98, 181,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9114, 0.2703, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 181, 152) }
```

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

```
.background{ background-color: rgb(98, 181,  
152) }
```

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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