

Converting Colors

$Yxy(37.2626, 0.2760, 0.3755)$

Have a look what the booklet for
Yxy(37.2626, 0.2760, 0.3755)
contains.

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Color

Yxy(37.0461, 0.2756, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	69B296
RGB	105, 178, 150
RGB Percent	41%, 70%, 59%
CMY	0.5884, 0.3019, 0.4117
CMYK	0.41, 0.00, 0.16, 0.30
HSL	157°, 32%, 55%
HSV	157°, 41%, 70%
XYZ	27.2482, 37.0461, 34.5744
YIQ	152.9810, -34.5200, -24.1840

Conversions

Conversions Part 2

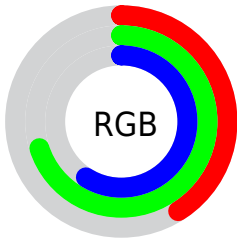
Format	Color
RYB	105, 150, 178
Decimal	6926998
CIELab	67.31, -29.41, 7.19
CIELCh	67, 30.281, 166.255
Yxy	37.0461, 0.2756, 0.3747
Android (android.graphics.Color)	4285117078 (0xFF69B296)
YUV	152.9810, -1.4696, -42.0793
Hunter-Lab	60.8655, -26.6039, 8.9264

Details

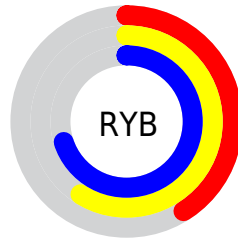
The Yxy color **37.0461, 0.2756, 0.3747** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **21.2529, 0.3750, 0.2883**, and the grayscale version is **31.8613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5762, 0.2829, 0.3656**, and **16.2981, 0.2640, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **35.8672, 0.2689, 0.3882**, and if you desaturate by 10%, it is **38.4663, 0.2835, 0.3620**.

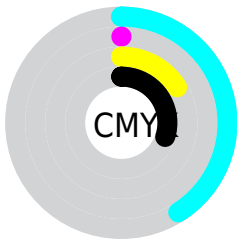
Distribution



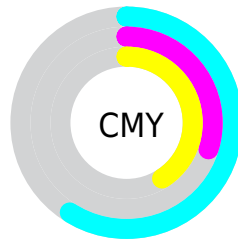
- Red (41%)
- Green (70%)
- Blue (59%)



- Red (41%)
- Yellow (59%)
- Blue (70%)



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (30%)





- Cyan (59%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0461, 0.2756, 0.3747 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 37.0461, 0.2756, 0.3747 by changing the saturation by 10% instead.


 37.0461, 0.2756,
0.3747


 37.0461, 0.2756,
0.3747


333.5101, 0.2952,
0.3503


 25.2432, 0.2704,
0.3813


 70.6437, 0.2830,
0.3654

 16.2583, 0.2634,
0.3902


 93.2071, 0.2856,
0.3621

 9.7071, 0.2538,
0.4028


 120.1262, 0.2879,
0.3593

 5.2052, 0.2396,
0.4216

 151.7854, 0.2898,
0.3569

 2.3682, 0.2165,
0.4532

188.5689, 0.2914,
0.3549

 0.8094, 0.0414,
0.6532

230.8613, 0.2928,

 0.0000, 0.0000,

0.3532

0.0000

279.0469, 0.2941,
0.3517

■ 37.0461, 0.2756,
0.3747

■ 37.0461, 0.2756,
0.3747

■ 35.8672, 0.2689,
0.3882

■ 38.4663, 0.2835,
0.3620

■ 34.9108, 0.2637,
0.4024

■ 40.1366, 0.2924,
0.3503

■ 34.1624, 0.2602,
0.4171

■ 42.0706, 0.3019,
0.3396


■ 33.6036, 0.2587,
0.4319

■ 44.2797, 0.3117,
0.3299

■ 33.2129, 0.2592,
0.4465

■ 46.7746, 0.3217,
0.3213

 32.9657, 0.2609,
0.4594

 49.5655, 0.3316,
0.3136

 52.6619, 0.3414,
0.3069

 56.0729, 0.3509,
0.3009

 57.8281, 0.3515,
0.2947

Harmonies

Analogous

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



37.0461, 0.3192, 0.4055



37.0461, 0.2756, 0.3747



37.0461, 0.2434, 0.3299

Triad

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



37.0461, 0.2756, 0.3747



37.0461, 0.2606, 0.2556



37.0461, 0.4038, 0.3584

Complementary

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



37.0461, 0.2756, 0.3747



21.2529, 0.3750, 0.2883

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.



37.0461, 0.3863, 0.3218



37.0461, 0.2756, 0.3747



37.0461, 0.3008, 0.2651

Square

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



37.0461, 0.2756, 0.3747



37.0461, 0.2355, 0.2633



37.0461, 0.3474, 0.2886



37.0461, 0.3946, 0.3912

Rectangle

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



37.0461, 0.2756, 0.3747



37.0461, 0.2319, 0.3013



37.0461, 0.3474, 0.2886



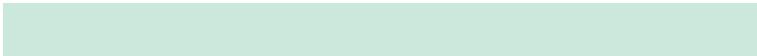
37.0461, 0.4009, 0.3462

Sweetspot

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



37.0476, 0.2756, 0.3747



75.8483, 0.3007, 0.3408



37.8468, 0.3304, 0.4444



16.7001, 0.2995, 0.3421



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.



37.0476, 0.2756, 0.3747



65.2686, 0.2696, 0.3866



34.7727, 0.2552, 0.3154



9.5752, 0.3035, 0.3379



23.5972, 0.2605, 0.4578



0.7534, 0.2493, 0.4175

Inverse Universe

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



21.2529, 0.3750, 0.2883



32.8083, 0.3954, 0.2800



22.4030, 0.4100, 0.3419



8.5574, 0.3229, 0.3203



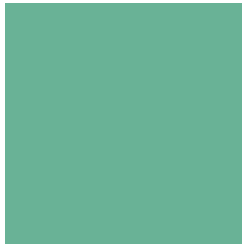
7.0843, 0.5410, 0.2754



0.2345, 0.4656, 0.2339

Previews

White Background



This preview shows how the Yxy color 37.0461, 0.2756, 0.3747 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 37.0461, 0.2756, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

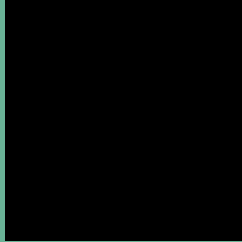
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0461, 0.2756, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 37.0461, 0.2756, 0.3747.



This preview shows how white text looks on a background with the Yxy color 37.0461, 0.2756, 0.3747.

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

37.0461, 0.2756, 0.3747

Protanopia

36.8053, 0.3395, 0.3593

Deuteranopia

36.3921, 0.3405, 0.3332



Tritanopia

37.0524, 0.2562, 0.3076

Trichromacy



Original Color

37.0461, 0.2756, 0.3747

Protanomaly

36.2526, 0.3129, 0.3642

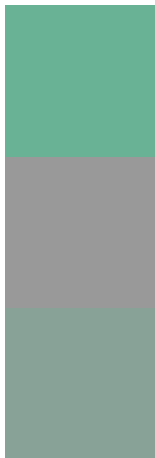
Deuteranomaly

36.0802, 0.3128, 0.3469

Tritanomaly

37.0954, 0.2630, 0.3304

Monochromacy



Original Color

37.0461, 0.2756, 0.3747

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.3419, 0.2972, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0461, 0.2756, 0.3747 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(105, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(105, 178, 150)  
}
```

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(105, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 178, 150) }
```

Border

The CSS property to change the border of an element to Yxy 37.0461, 0.2756, 0.3747 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(105, 178, 150) }
```

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

```
.border{ border-color:rgb(105, 178, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 178, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(105, 178,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0461, 0.2756, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 178, 150) }
```

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

```
.background{ background-color: rgb(105,  
178, 150) }
```

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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