

Converting Colors

$Yxy(37.1909, 0.2861, 0.3613)$

Have a look what the booklet for
Yxy(37.1909, 0.2861, 0.3613)
contains.

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Color

Yxy(37.2781, 0.2863, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	7CAF9A
RGB	124, 175, 154
RGB Percent	49%, 69%, 60%
CMY	0.5135, 0.3138, 0.3960
CMYK	0.29, 0.00, 0.12, 0.31
HSL	155°, 24%, 59%
HSV	155°, 29%, 69%
XYZ	29.4827, 37.2781, 36.2174
YIQ	157.3570, -23.6550, -17.3430

Conversions

Conversions Part 2

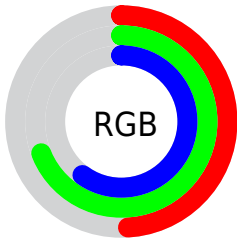
Format	Color
RYB	124, 156, 175
Decimal	8171418
CIELab	67.49, -21.39, 5.37
CIElCh	67, 22.048, 165.915
Yxy	37.2781, 0.2863, 0.3620
Android (android.graphics.Color)	4286361498 (0xFF7CAF9A)
YUV	157.3570, -1.6550, -29.2541
Hunter-Lab	61.0558, -20.6535, 7.5691

Details

The Yxy color **37.2781, 0.2863, 0.3620** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.5910, 0.3499, 0.2984**, and the grayscale version is **33.9086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1709, 0.2919, 0.3562**, and **16.3148, 0.2775, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **35.8555, 0.2785, 0.3755**, and if you desaturate by 10%, it is **38.9496, 0.2949, 0.3496**.

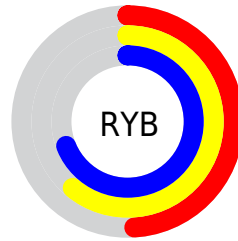
Distribution



Red (49%)

Green (69%)

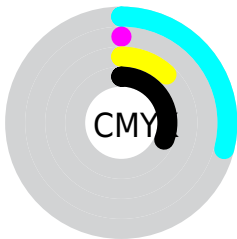
Blue (60%)



Red (49%)

Yellow (61%)

Blue (69%)

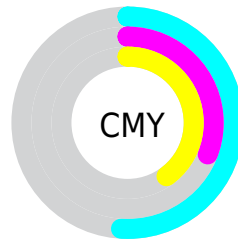


Cyan (29%)

Magenta (0%)

Yellow (12%)

Black (31%)



Cyan (51%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2781, 0.2863, 0.3620 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 37.2781, 0.2863, 0.3620 by changing the saturation by 10% instead.


 37.2781, 0.2863,
0.3620


 37.2781, 0.2863,
0.3620


334.5130, 0.3002,
0.3445

 25.4229, 0.2826,
0.3667


 71.0003, 0.2915,
0.3554

 16.3924, 0.2777,
0.3730


 93.6361, 0.2934,
0.3530

 9.8022, 0.2710,
0.3818


 120.6341, 0.2950,
0.3510

 5.2680, 0.2610,
0.3949

152.3789, 0.2963,
0.3493

 2.4054, 0.2448,
0.4167

189.2548, 0.2975,
0.3479

 0.8287, 0.1638,
0.5111

231.6462, 0.2985,

 0.0000, 0.0000,

0.3466

0.0000

279.9374, 0.2994,
0.3455

■ 37.2781, 0.2863,
0.3620

■ 37.2781, 0.2863,
0.3620

■ 35.8555, 0.2785,
0.3755

■ 38.9496, 0.2949,
0.3496

■ 34.6648, 0.2718,
0.3900

■ 40.8769, 0.3041,
0.3383

■ 33.6937, 0.2665,
0.4052

■ 43.0725, 0.3136,
0.3281

■ 32.9274, 0.2629,
0.4209

■ 45.5464, 0.3231,
0.3191

■ 32.3486, 0.2612,
0.4369

■ 48.3085, 0.3326,
0.3110

■ 31.9375, 0.2616,
0.4527

■ 51.3677, 0.3418,
0.3040

■ 31.6564, 0.2636,
0.4681

■ 54.7330, 0.3508,
0.2978

■ 31.6332, 0.2638,
0.4695

■ 56.6536, 0.3518,
0.2913

■ 57.0250, 0.3456,
0.2842

Harmonies

Analogous

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



37.2781, 0.3185, 0.3836



37.2781, 0.2863, 0.3620



37.2781, 0.2620, 0.3307

Triad

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



37.2781, 0.2863, 0.3620



37.2781, 0.2742, 0.2745



37.2781, 0.3787, 0.3515

Complementary

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



37.2781, 0.2863, 0.3620



25.5910, 0.3499, 0.2984

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.



37.2781, 0.3657, 0.3241



37.2781, 0.2863, 0.3620



37.2781, 0.3041, 0.2811

Square

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



37.2781, 0.2863, 0.3620



37.2781, 0.2553, 0.2810



37.2781, 0.3378, 0.2989



37.2781, 0.3727, 0.3751

Rectangle

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



37.2781, 0.2863, 0.3620



37.2781, 0.2530, 0.3100



37.2781, 0.3378, 0.2989



37.2781, 0.3764, 0.3425

Sweetspot

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



37.2796, 0.2863, 0.3620



73.1978, 0.3041, 0.3384



38.1587, 0.3276, 0.4073



16.1528, 0.3027, 0.3399



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.2796, 0.2863, 0.3620



65.0670, 0.2811, 0.3707



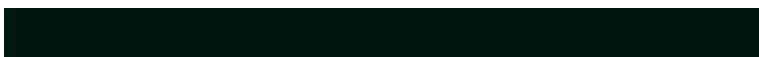
36.4150, 0.2707, 0.3224



9.0154, 0.3039, 0.3385



22.6689, 0.2633, 0.4677



0.6412, 0.2502, 0.4208

Inverse Universe

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



25.5910, 0.3499, 0.2984



40.6567, 0.3613, 0.2912



26.0896, 0.3739, 0.3355



8.0680, 0.3224, 0.3197



6.8744, 0.5291, 0.2688



0.2023, 0.4511, 0.2259

Previews

White Background



This preview shows how the Yxy color 37.2781, 0.2863, 0.3620 looks on a white background.

Color Contrast Check

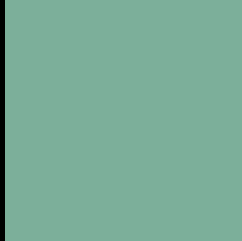
Large Text (above 18pt) WCAG AA × Fail

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 37.2781, 0.2863, 0.3620 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 37.2781, 0.2863, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 37.2781, 0.2863, 0.3620.



This preview shows how white text looks on a background with the Yxy color 37.2781, 0.2863, 0.3620.

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

37.2781, 0.2863, 0.3620

Protanopia

36.8786, 0.3329, 0.3506

Deuteranopia

36.8331, 0.3374, 0.3305



Tritanopia

37.3323, 0.2688, 0.3096

Trichromacy



Original Color

37.2781, 0.2863, 0.3620

Protanomaly

36.6117, 0.3143, 0.3545

Deuteranomaly

36.5283, 0.3169, 0.3407

Tritanomaly

37.1114, 0.2752, 0.3274

Monochromacy



Original Color

37.2781, 0.2863, 0.3620

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.9710, 0.3020, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2781, 0.2863, 0.3620 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(124, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(124, 175, 154)  
}
```

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(124, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 175, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.2781, 0.2863, 0.3620 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(124, 175, 154) }
```

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

```
.border{ border-color:rgb(124, 175, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(124, 175,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2781, 0.2863, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 175, 154) }
```

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

```
.background{ background-color: rgb(124,  
175, 154) }
```

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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