

Converting Colors

$Yxy(37.1529, 0.2788, 0.3353)$

Have a look what the booklet for
Yxy(37.1529, 0.2788, 0.3353)
contains.

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Color

Yxy(37.3035, 0.2789, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	80ADA8
RGB	128, 173, 168
RGB Percent	50%, 68%, 66%
CMY	0.4982, 0.3215, 0.3412
CMYK	0.26, 0.00, 0.03, 0.32
HSL	173°, 22%, 59%
HSV	173°, 26%, 68%
XYZ	30.9089, 37.3035, 42.6120
YIQ	158.9750, -25.2150, -11.0950

Conversions

Conversions Part 2

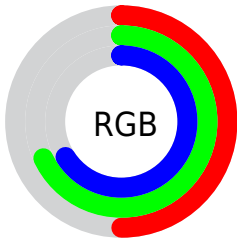
Format	Color
RYB	128, 152, 173
Decimal	8433064
CIELab	67.50, -16.10, -2.32
CIELCh	68, 16.261, 188.200
Yxy	37.3035, 0.2789, 0.3366
Android (android.graphics.Color)	4286623144 (0xFF80ADA8)
YUV	158.9750, 4.4493, -27.1651
Hunter-Lab	61.0766, -16.5508, 1.3881

Details

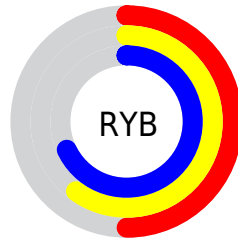
The Yxy color **37.3035, 0.2789, 0.3366** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.0085, 0.3609, 0.3216**, and the grayscale version is **34.6444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3114, 0.2856, 0.3359**, and **16.5135, 0.2686, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **36.0049, 0.2676, 0.3399**, and if you desaturate by 10%, it is **38.8349, 0.2913, 0.3335**.

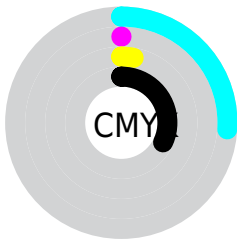
Distribution



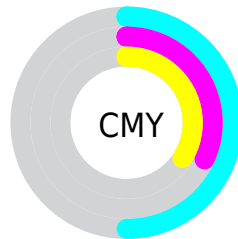
- Red (50%)
- Green (68%)
- Blue (66%)



- Red (50%)
- Yellow (60%)
- Blue (68%)



- Cyan (26%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)





- Cyan (50%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3035, 0.2789, 0.3366 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 37.3035, 0.2789, 0.3366 by changing the saturation by 10% instead.

 37.3035, 0.2789,
0.3366


 37.3035, 0.2789,
0.3366


334.6226, 0.2963,
0.3328

 25.4426, 0.2744,
0.3375


 71.0393, 0.2854,
0.3352

 16.4071, 0.2685,
0.3388


 93.6830, 0.2877,
0.3347

 9.8127, 0.2604,
0.3404


 120.6897, 0.2898,
0.3343

 5.2749, 0.2487,
0.3426

152.4439, 0.2915,
0.3339

 2.4095, 0.2306,
0.3458

189.3298, 0.2929,
0.3336

 0.8308, 0.1726,
0.3615

231.7320, 0.2942,

 0.0000, 0.0000,

0.3333

0.0000

280.0348, 0.2953,
0.3330

■ 37.3035, 0.2789,
0.3366

■ 37.3035, 0.2789,
0.3366

■ 36.0049, 0.2676,
0.3399

■ 38.8349, 0.2913,
0.3335

■ 34.9230, 0.2578,
0.3435

■ 40.6054, 0.3045,
0.3306

■ 34.0466, 0.2495,
0.3471

■ 42.6266, 0.3182,
0.3280

■ 33.3619, 0.2430,
0.3509

■ 44.9080, 0.3323,
0.3256

■ 32.8532, 0.2384,
0.3547

■ 47.4586, 0.3464,
0.3235

■ 32.5023, 0.2357,
0.3585

■ 50.2870, 0.3605,
0.3217

■ 32.2853, 0.2346,
0.3623

■ 53.4015, 0.3742,
0.3201

■ 32.2156, 0.2344,
0.3638

■ 54.5878, 0.3777,
0.3183

■ 54.6689, 0.3759,
0.3162

Harmonies

Analogous

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



37.3035, 0.2992, 0.3580



37.3035, 0.2789, 0.3366



37.3035, 0.2677, 0.3139

Triad

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



37.3035, 0.2789, 0.3366



37.3035, 0.3003, 0.2909



37.3035, 0.3594, 0.3597

Complementary

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



37.3035, 0.2789, 0.3366



26.0085, 0.3609, 0.3216

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.



37.3035, 0.3600, 0.3411



37.3035, 0.2789, 0.3366



37.3035, 0.3251, 0.3024

Square

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



37.3035, 0.2789, 0.3366



37.3035, 0.2796, 0.2886



37.3035, 0.3473, 0.3204



37.3035, 0.3459, 0.3710

Rectangle

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



37.3035, 0.2789, 0.3366



37.3035, 0.2665, 0.3014



37.3035, 0.3473, 0.3204



37.3035, 0.3611, 0.3541

Sweetspot

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



37.3050, 0.2789, 0.3366



72.0080, 0.3016, 0.3312



36.4539, 0.3139, 0.4008



15.5447, 0.2997, 0.3316



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.3050, 0.2789, 0.3366



65.4703, 0.2726, 0.3384



31.2956, 0.2728, 0.3019



9.0565, 0.3001, 0.3315



23.6689, 0.2343, 0.3634



0.6627, 0.2311, 0.3519

Inverse Universe

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



26.0085, 0.3609, 0.3216



41.9291, 0.3750, 0.3200



30.7657, 0.3607, 0.3546



8.0293, 0.3269, 0.3265



6.5666, 0.6242, 0.3212



0.1872, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 37.3035, 0.2789, 0.3366 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 37.3035, 0.2789, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

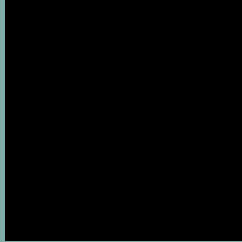
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3035, 0.2789, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 37.3035, 0.2789, 0.3366.



This preview shows how white text looks on a background with the Yxy color 37.3035, 0.2789, 0.3366.

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

37.3035, 0.2789, 0.3366

Protanopia

37.0185, 0.3174, 0.3304

Deuteranopia

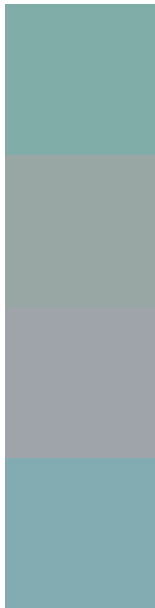
37.0837, 0.3193, 0.3125



Tritanopia

37.4118, 0.2696, 0.3096

Trichromacy



Original Color

37.3035, 0.2789, 0.3366

Protanomaly

37.0901, 0.3025, 0.3334

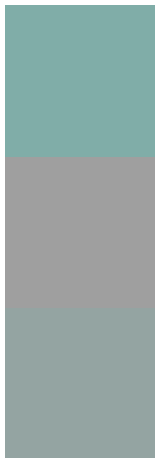
Deuteranomaly

36.8241, 0.3030, 0.3203

Tritanomaly

37.4652, 0.2732, 0.3199

Monochromacy



Original Color

37.3035, 0.2789, 0.3366

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.4555, 0.2997, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3035, 0.2789, 0.3366 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(128, 173, 168)` looks like.

```
.text, #text, p{  
    color:rgb(128, 173, 168)  
}
```

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(128, 173, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 173, 168) }
```

Border

The CSS property to change the border of an element to Yxy 37.3035, 0.2789, 0.3366 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(128, 173, 168) }
```

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

```
.border{ border-color:rgb(128, 173, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 173, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 173, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 173, 168);  
box-shadow:4px 4px 4px 4px rgb(128, 173,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3035, 0.2789, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 173, 168) }
```

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

```
.background{ background-color: rgb(128,  
173, 168) }
```

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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