

Converting Colors

$Yxy(37.2164, 0.2788, 0.3233)$

Have a look what the booklet for
Yxy(37.2164, 0.2788, 0.3233)
contains.

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Color

Yxy(37.2893, 0.2782, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	86ABAF
RGB	134, 171, 175
RGB Percent	53%, 67%, 69%
CMY	0.4747, 0.3294, 0.3137
CMYK	0.23, 0.02, 0.00, 0.31
HSL	186°, 20%, 61%
HSV	186°, 23%, 69%
XYZ	32.1272, 37.2893, 46.0660
YIQ	160.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

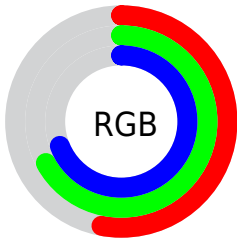
Format	Color
RYB	134, 153, 175
Decimal	8825775
CIELab	67.49, -11.59, -6.19
CIELCh	67, 13.138, 208.098
Yxy	37.2893, 0.2782, 0.3229
Android (android.graphics.Color)	4287015855 (0xFF86ABAF)
YUV	160.3930, 7.2013, -23.1467
Hunter-Lab	61.0650, -12.9521, -1.9815

Details

The Yxy color **37.2893, 0.2782, 0.3229** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9977, 0.3589, 0.3350**, and the grayscale version is **35.3158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7972, 0.2851, 0.3244**, and **16.4627, 0.2673, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **35.3309, 0.2649, 0.3200**, and if you desaturate by 10%, it is **39.4970, 0.2925, 0.3256**.

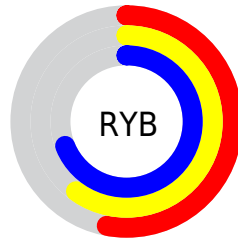
Distribution



Red (53%)

Green (67%)

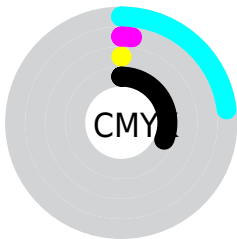
Blue (69%)



Red (53%)

Yellow (60%)

Blue (69%)

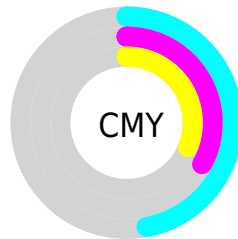


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2893, 0.2782, 0.3229 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 37.2893, 0.2782, 0.3229 by changing the saturation by 10% instead.


 37.2893, 0.2782,
0.3229


 37.2893, 0.2782,
0.3229


334.5613, 0.2959,
0.3263

 25.4316, 0.2736,
0.3219


 71.0175, 0.2848,
0.3242

 16.3989, 0.2676,
0.3206


 93.6568, 0.2872,
0.3247

 9.8068, 0.2595,
0.3188


 120.6587, 0.2892,
0.3251

 5.2711, 0.2479,
0.3158

152.4076, 0.2910,
0.3254

 2.4072, 0.2298,
0.3108

189.2879, 0.2925,
0.3257

 0.8296, 0.1858,
0.3049

231.6840, 0.2938,

 0.0000, 0.0000,

0.3259

0.0000

279.9804, 0.2949,
0.3261

■ 37.2893, 0.2782,
0.3229

■ 37.2893, 0.2782,
0.3229

■ 35.3309, 0.2649,
0.3200

■ 39.4970, 0.2925,
0.3256

■ 33.6054, 0.2528,
0.3169

■ 41.9604, 0.3074,
0.3282

■ 32.1018, 0.2422,
0.3137

■ 44.6911, 0.3228,
0.3305

■ 30.8060, 0.2333,
0.3104

■ 47.6990, 0.3383,
0.3326

■ 29.7024, 0.2263,
0.3070

■ 50.9931, 0.3536,
0.3344

■ 28.7730, 0.2212,
0.3037

■ 54.5823, 0.3688,
0.3361

■ 27.9964, 0.2178,
0.3004

■ 58.1969, 0.3822,
0.3375

■ 27.5403, 0.2162,
0.2983

■ 58.9036, 0.3816,
0.3393

■ 59.6189, 0.3811,
0.3411

Harmonies

Analogous

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



37.2893, 0.2902, 0.3414



37.2893, 0.2782, 0.3229



37.2893, 0.2751, 0.3069

Triad

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



37.2893, 0.2782, 0.3229



37.2893, 0.3161, 0.3034



37.2893, 0.3442, 0.3609

Complementary

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



37.2893, 0.2782, 0.3229



28.9977, 0.3589, 0.3350

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.



37.2893, 0.3518, 0.3495



37.2893, 0.2782, 0.3229



37.2893, 0.3352, 0.3167

Square

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



37.2893, 0.2782, 0.3229



37.2893, 0.2965, 0.2964



37.2893, 0.3485, 0.3334



37.2893, 0.3283, 0.3638

Rectangle

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



37.2893, 0.2782, 0.3229



37.2893, 0.2785, 0.2997



37.2893, 0.3485, 0.3334



37.2893, 0.3479, 0.3578

Sweetspot

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



37.2908, 0.2782, 0.3229



73.4705, 0.3019, 0.3273



37.5451, 0.3070, 0.3881



16.2722, 0.3010, 0.3271



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.



37.2908, 0.2782, 0.3229



64.9611, 0.2714, 0.3215



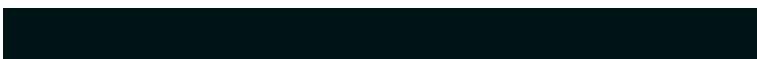
30.3127, 0.2758, 0.2919



8.9368, 0.2986, 0.3267



19.7700, 0.2163, 0.2987



0.5876, 0.2191, 0.3086

Inverse Universe

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



29.0933, 0.3195, 0.2770



47.8688, 0.3211, 0.2657



35.2556, 0.3525, 0.3635



8.1344, 0.3152, 0.3088



8.2988, 0.3466, 0.1683



0.2347, 0.3379, 0.1635

Previews

White Background



This preview shows how the Yxy color 37.2893, 0.2782, 0.3229 looks on a white background.

Color Contrast Check

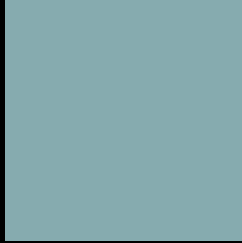
Large Text (above 18pt) WCAG AA × Fail

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 37.2893, 0.2782, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

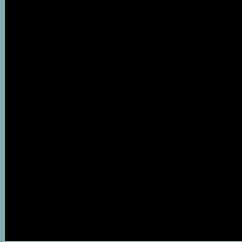
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

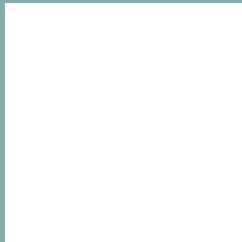
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.2893, 0.2782, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 37.2893, 0.2782, 0.3229.



This preview shows how white text looks on a background with the Yxy color 37.2893, 0.2782, 0.3229.

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

37.2893, 0.2782, 0.3229

Protanopia

37.0960, 0.3085, 0.3191

Deuteranopia

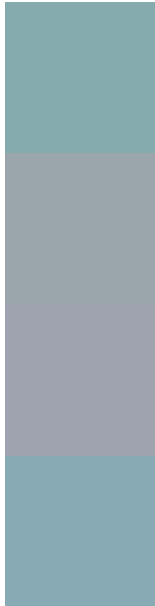
36.9693, 0.3110, 0.3043



Tritanopia

37.4026, 0.2739, 0.3097

Trichromacy



Original Color

37.2893, 0.2782, 0.3229

Protanomaly

37.1210, 0.2969, 0.3203

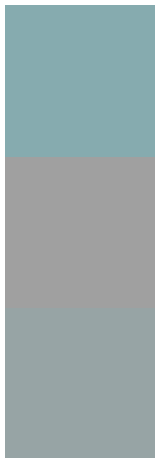
Deuteranomaly

36.6999, 0.2980, 0.3104

Tritanomaly

37.1956, 0.2753, 0.3140

Monochromacy



Original Color

37.2893, 0.2782, 0.3229

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.8468, 0.2999, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2893, 0.2782, 0.3229 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(134, 171, 175)` looks like.

```
.text, #text, p{  
    color:rgb(134, 171, 175)  
}
```

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(134, 171, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 171, 175) }
```

Border

The CSS property to change the border of an element to Yxy 37.2893, 0.2782, 0.3229 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(134, 171, 175) }
```

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

```
.border{ border-color:rgb(134, 171, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 171, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(134, 171,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2893, 0.2782, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 171, 175) }
```

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

```
.background{ background-color: rgb(134,  
171, 175) }
```

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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