

Converting Colors

Yxy(36.4651, 0.2886, 0.3431)

Have a look what the booklet for
Yxy(36.4651, 0.2886, 0.3431)
contains.

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Color

Yxy(36.3910, 0.2886, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	86AAA1
RGB	134, 170, 161
RGB Percent	53%, 67%, 63%
CMY	0.4746, 0.3333, 0.3686
CMYK	0.21, 0.00, 0.05, 0.33
HSL	165°, 17%, 60%
HSV	165°, 21%, 67%
XYZ	30.6372, 36.3910, 39.1299
YIQ	158.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

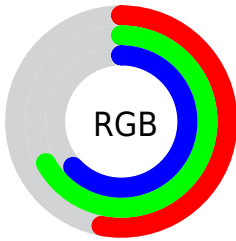
Format	Color
RYB	134, 155, 170
Decimal	8825505
CIELab	66.82, -14.15, 0.60
CIElCh	67, 14.159, 177.589
Yxy	36.3910, 0.2886, 0.3428
Android (android.graphics.Color)	4287015585 (0xFF86AAA1)
YUV	158.2100, 1.3755, -21.2322
Hunter-Lab	60.3250, -14.9139, 3.7689

Details

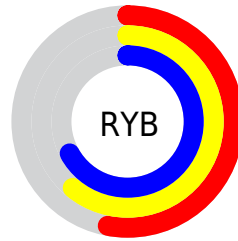
The Yxy color **36.3910, 0.2886, 0.3428** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.5746, 0.3441, 0.3157**, and the grayscale version is **34.2915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4997, 0.2933, 0.3394**, and **15.9217, 0.2800, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **34.9589, 0.2783, 0.3503**, and if you desaturate by 10%, it is **38.0557, 0.2997, 0.3359**.

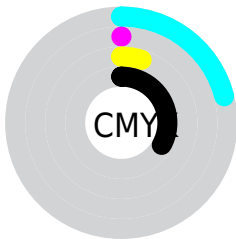
Distribution



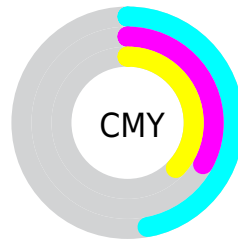
- Red (53%)
- Green (67%)
- Blue (63%)



- Red (53%)
- Yellow (61%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)





- Cyan (47%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.3910, 0.2886, 0.3428 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 36.3910, 0.2886, 0.3428 by changing the saturation by 10% instead.


 36.3910, 0.2886,
0.3428

 36.3910, 0.2886,
0.3428


330.6663, 0.3012,
0.3356

 24.7363, 0.2853,
0.3447


 69.6351, 0.2933,
0.3401

 15.8807, 0.2809,
0.3472


 91.9934, 0.2950,
0.3391

 9.4398, 0.2750,
0.3507


 118.6883, 0.2964,
0.3383

 5.0291, 0.2662,
0.3558

150.1042, 0.2977,
0.3376

 2.2644, 0.2522,
0.3639

186.6256, 0.2987,
0.3370

 0.7548, 0.1951,
0.3958

228.6368, 0.2996,

 0.0000, 0.0000,

0.3365

0.0000

276.5223, 0.3004,
0.3360

■ 36.3910, 0.2886,
0.3428

■ 36.3910, 0.2886,
0.3428

■ 34.9589, 0.2783,
0.3503

■ 38.0557, 0.2997,
0.3359

■ 33.7442, 0.2690,
0.3583

■ 39.9587, 0.3113,
0.3297

■ 32.7368, 0.2611,
0.3668

■ 42.1108, 0.3232,
0.3241

■ 31.9238, 0.2548,
0.3756

■ 44.5209, 0.3352,
0.3191

■ 31.2913, 0.2503,
0.3847

■ 47.1976, 0.3470,
0.3146

■ 30.8229, 0.2477,
0.3939

■ 50.1489, 0.3586,
0.3107

■ 30.4997, 0.2470,
0.4031

■ 53.3826, 0.3699,
0.3073

■ 30.2984, 0.2476,
0.4112

■ 53.9519, 0.3678,
0.3031

■ 54.1468, 0.3639,
0.2987

Harmonies

Analogous

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



36.3910, 0.3084, 0.3594



36.3910, 0.2886, 0.3428



36.3910, 0.2754, 0.3226

Triad

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



36.3910, 0.2886, 0.3428



36.3910, 0.2947, 0.2936



36.3910, 0.3552, 0.3509

Complementary

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



36.3910, 0.2886, 0.3428



27.5746, 0.3441, 0.3157

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.



36.3910, 0.3514, 0.3333



36.3910, 0.2886, 0.3428



36.3910, 0.3159, 0.3011

Square

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



36.3910, 0.2886, 0.3428



36.3910, 0.2789, 0.2949



36.3910, 0.3369, 0.3154



36.3910, 0.3472, 0.3634

Rectangle

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



36.3910, 0.2886, 0.3428



36.3910, 0.2719, 0.3104



36.3910, 0.3369, 0.3154



36.3910, 0.3553, 0.3454

Sweetspot

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



36.3925, 0.2886, 0.3428



70.7405, 0.3056, 0.3327



36.3115, 0.3182, 0.3851



15.7273, 0.3048, 0.3331



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.



36.3925, 0.2886, 0.3428



64.8655, 0.2841, 0.3459



33.4595, 0.2809, 0.3150



8.4995, 0.3019, 0.3347



22.2950, 0.2473, 0.4102



0.5499, 0.2389, 0.3801

Inverse Universe

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



27.5746, 0.3441, 0.3157



46.2247, 0.3522, 0.3128



29.9089, 0.3516, 0.3425



7.5719, 0.3248, 0.3234



6.4199, 0.5889, 0.3018



0.1641, 0.4997, 0.2526

Previews

White Background



This preview shows how the Yxy color 36.3910, 0.2886, 0.3428 looks on a white background.

Color Contrast Check

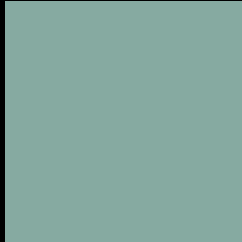
Large Text (above 18pt) WCAG AA × Fail

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 36.3910, 0.2886, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

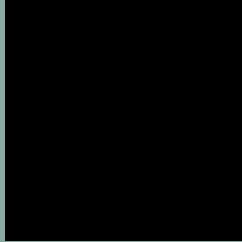
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3910, 0.2886, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 36.3910, 0.2886, 0.3428.



This preview shows how white text looks on a background with the Yxy color 36.3910, 0.2886, 0.3428.

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

36.3910, 0.2886, 0.3428

Protanopia

35.9970, 0.3220, 0.3363

Deuteranopia

36.1414, 0.3259, 0.3193



Tritanopia

36.3360, 0.2773, 0.3096

Trichromacy



Original Color

36.3910, 0.2886, 0.3428

Protanomaly

35.8896, 0.3086, 0.3379

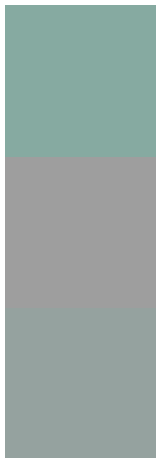
Deuteranomaly

36.0621, 0.3109, 0.3275

Tritanomaly

36.3408, 0.2818, 0.3214

Monochromacy



Original Color

36.3910, 0.2886, 0.3428

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7334, 0.3032, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3910, 0.2886, 0.3428 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, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(134, 170, 161)  
}
```

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, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 170, 161) }
```

Border

The CSS property to change the border of an element to Yxy 36.3910, 0.2886, 0.3428 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, 170, 161) }
```

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

```
.border{ border-color:rgb(134, 170, 161) }
```

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

Here you see how a box with a 4 pixel rgb(134, 170, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(134, 170,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3910, 0.2886, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 170, 161) }
```

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

```
.background{ background-color: rgb(134,  
170, 161) }
```

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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