

Converting Colors

$Yxy(36.3325, 0.2765, 0.3388)$

Have a look what the booklet for
Yxy(36.3325, 0.2765, 0.3388)
contains.

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Color

Yxy(36.4326, 0.2771, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	7BACA5
RGB	123, 172, 165
RGB Percent	48%, 67%, 65%
CMY	0.5178, 0.3255, 0.3528
CMYK	0.29, 0.00, 0.04, 0.33
HSL	171°, 23%, 58%
HSV	171°, 29%, 67%
XYZ	29.7100, 36.4326, 41.0751
YIQ	156.5510, -26.9570, -12.5650

Conversions

Conversions Part 2

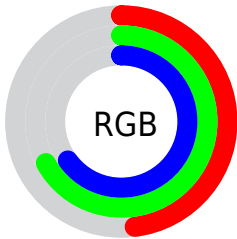
Format	Color
RYB	123, 149, 172
Decimal	8105125
CIELab	66.85, -17.78, -1.67
CIElCh	67, 17.854, 185.362
Yxy	36.4326, 0.2771, 0.3398
Android (android.graphics.Color)	4286295205 (0xFF7BACA5)
YUV	156.5510, 4.1654, -29.4242
Hunter-Lab	60.3594, -17.7679, 1.9042

Details

The Yxy color **36.4326, 0.2771, 0.3398** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.5386, 0.3651, 0.3186**, and the grayscale version is **33.4929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0012, 0.2841, 0.3383**, and **16.0029, 0.2664, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **35.1871, 0.2665, 0.3442**, and if you desaturate by 10%, it is **37.9056, 0.2889, 0.3357**.

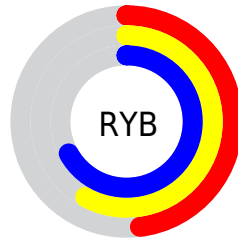
Distribution



Red (48%)

Green (67%)

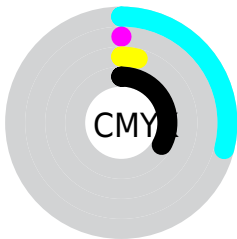
Blue (65%)



Red (48%)

Yellow (58%)

Blue (67%)

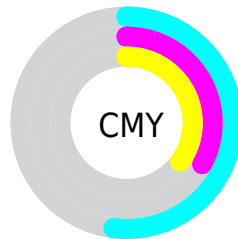


Cyan (29%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (52%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4326, 0.2771, 0.3398 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 36.4326, 0.2771, 0.3398 by changing the saturation by 10% instead.

 36.4326, 0.2771,
0.3398


 36.4326, 0.2771,
0.3398


330.8474, 0.2955,
0.3343


 24.7685, 0.2723,
0.3412


 69.6993, 0.2840,
0.3378

 15.9047, 0.2660,
0.3430


 92.0706, 0.2865,
0.3370

 9.4567, 0.2573,
0.3455


 118.7798, 0.2886,
0.3364

 5.0403, 0.2448,
0.3489

150.2112, 0.2904,
0.3359

 2.2709, 0.2251,
0.3542

186.7493, 0.2920,
0.3354

 0.7582, 0.1443,
0.3816

228.7784, 0.2933,

 0.0000, 0.0000,

0.3350

0.0000

276.6830, 0.2945,
0.3346

■ 36.4326, 0.2771,
0.3398

■ 36.4326, 0.2771,
0.3398

■ 35.1871, 0.2665,
0.3442

■ 37.9056, 0.2889,
0.3357

■ 34.1530, 0.2572,
0.3488

■ 39.6125, 0.3015,
0.3319

■ 33.3191, 0.2496,
0.3536

■ 41.5650, 0.3147,
0.3285

■ 32.6713, 0.2438,
0.3585

■ 43.7725, 0.3282,
0.3254

■ 32.1935, 0.2399,
0.3635

■ 46.2440, 0.3419,
0.3226

■ 31.8672, 0.2378,
0.3684

■ 48.9882, 0.3555,
0.3202

■ 31.6592, 0.2373,
0.3733

■ 52.0131, 0.3688,
0.3181

■ 31.6312, 0.2372,
0.3741

■ 54.2550, 0.3768,
0.3160

■ 54.3590, 0.3746,
0.3134

Harmonies

Analogous

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



36.4326, 0.3002, 0.3631



36.4326, 0.2771, 0.3398



36.4326, 0.2637, 0.3143

Triad

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



36.4326, 0.2771, 0.3398



36.4326, 0.2965, 0.2863



36.4326, 0.3651, 0.3611

Complementary

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



36.4326, 0.2771, 0.3398



24.5386, 0.3651, 0.3186

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.



36.4326, 0.3644, 0.3400



36.4326, 0.2771, 0.3398



36.4326, 0.3238, 0.2981

Square

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



36.4326, 0.2771, 0.3398



36.4326, 0.2745, 0.2847



36.4326, 0.3490, 0.3174



36.4326, 0.3513, 0.3748

Rectangle

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



36.4326, 0.2771, 0.3398



36.4326, 0.2616, 0.3001



36.4326, 0.3490, 0.3174



36.4326, 0.3666, 0.3546

Sweetspot

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



36.4341, 0.2771, 0.3398



71.6413, 0.3007, 0.3322



35.7086, 0.3154, 0.4083



15.4692, 0.2988, 0.3327



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.



36.4341, 0.2771, 0.3398



64.6636, 0.2705, 0.3424



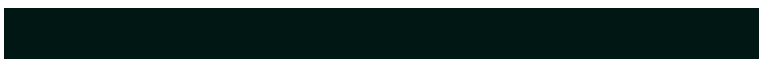
30.5775, 0.2693, 0.3016



9.0522, 0.3005, 0.3322



23.5423, 0.2371, 0.3736



0.6602, 0.2330, 0.3586

Inverse Universe

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



24.5386, 0.3651, 0.3186



39.6258, 0.3810, 0.3163



28.9947, 0.3669, 0.3548



8.0332, 0.3265, 0.3258



6.5825, 0.6181, 0.3179



0.1887, 0.5527, 0.2819

Previews

White Background



This preview shows how the Yxy color 36.4326, 0.2771, 0.3398 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 36.4326, 0.2771, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

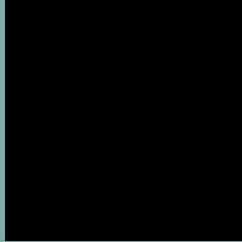
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4326, 0.2771, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 36.4326, 0.2771, 0.3398.

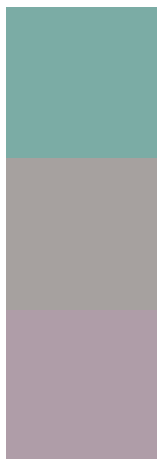


This preview shows how white text looks on a background with the Yxy color 36.4326, 0.2771, 0.3398.

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

36.4326, 0.2771, 0.3398

Protanopia

36.0999, 0.3193, 0.3319

Deuteranopia

36.0551, 0.3202, 0.3137



Tritanopia

36.3069, 0.2670, 0.3078

Trichromacy



Original Color

36.4326, 0.2771, 0.3398

Protanomaly

35.9675, 0.3023, 0.3349

Deuteranomaly

35.6986, 0.3028, 0.3217

Tritanomaly

36.3197, 0.2713, 0.3197

Monochromacy



Original Color

36.4326, 0.2771, 0.3398

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.3985, 0.2987, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4326, 0.2771, 0.3398 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(123, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(123, 172, 165)  
}
```

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(123, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 172, 165) }
```

Border

The CSS property to change the border of an element to Yxy 36.4326, 0.2771, 0.3398 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(123, 172, 165) }
```

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

```
.border{ border-color:rgb(123, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(123, 172,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4326, 0.2771, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 172, 165) }
```

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

```
.background{ background-color: rgb(123,  
172, 165) }
```

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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