

Converting Colors

$Yxy(24.7753, 0.2871, 0.3478)$

Have a look what the booklet for
Yxy(24.7753, 0.2871, 0.3478)
contains.

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Color

Yxy(24.8912, 0.2876, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	6D9085
RGB	109, 144, 133
RGB Percent	43%, 56%, 52%
CMY	0.5726, 0.4353, 0.4784
CMYK	0.24, 0.00, 0.08, 0.44
HSL	161°, 14%, 50%
HSV	161°, 24%, 56%
XYZ	20.5121, 24.8912, 25.9182
YIQ	132.2810, -17.3290, -10.8410

Conversions

Conversions Part 2

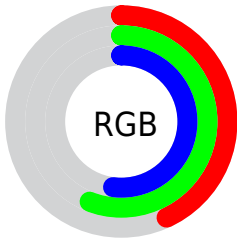
Format	Color
R_{YB}	109, 130, 144
Decimal	7180421
CIE _{Lab}	56.97, -14.61, 1.86
CIE _{LCh}	57, 14.729, 172.747
Yxy	24.8912, 0.2876, 0.3490
Android (android.graphics.Color)	4285370501 (0xFF6D9085)
YUV	132.2810, 0.3545, -20.4174
Hunter-Lab	49.8911, -13.9215, 4.1228

Details

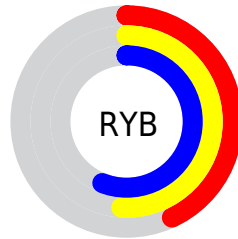
The Yxy color **24.8912, 0.2876, 0.3490** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2177, 0.3463, 0.3099**, and the grayscale version is **23.1837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5104, 0.2930, 0.3449**, and **9.6062, 0.2773, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **23.9305, 0.2784, 0.3586**, and if you desaturate by 10%, it is **26.0090, 0.2976, 0.3402**.

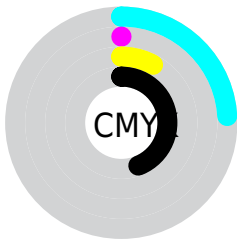
Distribution



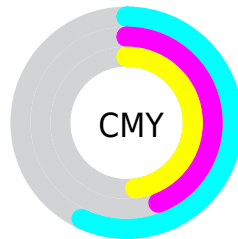
- Red (43%)
- Green (56%)
- Blue (52%)



- Red (43%)
- Yellow (51%)
- Blue (56%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)




- Cyan (57%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8912, 0.2876, 0.3490 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 24.8912, 0.2876, 0.3490 by changing the saturation by 10% instead.


 24.8912, 0.2876,
0.3490

 24.8912, 0.2876,
0.3490


277.2957, 0.3015,
0.3379


 15.9960, 0.2836,
0.3522


 51.4807, 0.2930,
0.3446


 9.5213, 0.2781,
0.3567


 69.9437, 0.2949,
0.3431

 5.0828, 0.2699,
0.3634

 92.3649, 0.2965,
0.3418

 2.2959, 0.2569,
0.3743

 119.1285, 0.2978,
0.3408

 0.7715, 0.2027,
0.4152

150.6190, 0.2990,
0.3399

 0.0000, 0.0000,
0.0000

187.2208, 0.2999,

0.3391

229.3182, 0.3008,
0.3385

■ 24.8912, 0.2876,
0.3490

■ 24.8912, 0.2876,
0.3490

■ 23.9305, 0.2784,
0.3586

■ 26.0090, 0.2976,
0.3402

■ 23.1164, 0.2702,
0.3688

■ 27.2876, 0.3081,
0.3322

■ 22.4420, 0.2633,
0.3796

■ 28.7345, 0.3188,
0.3250

■ 21.8985, 0.2580,
0.3910

■ 30.3558, 0.3297,
0.3186

■ 21.4764, 0.2544,
0.4025

■ 32.1572, 0.3404,
0.3128

■ 21.1643, 0.2528,
0.4142

■ 34.1442, 0.3510,
0.3078

■ 20.9484, 0.2530,
0.4259

■ 36.3221, 0.3612,
0.3034

■ 20.8459, 0.2535,
0.4325

■ 38.6960, 0.3711,
0.2995

■ 41.2708, 0.3806,
0.2961

Harmonies

Analogous

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



24.8912, 0.3116, 0.3675



24.8912, 0.2876, 0.3490



24.8912, 0.2707, 0.3251

Triad

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



24.8912, 0.2876, 0.3490



24.8912, 0.2879, 0.2870



24.8912, 0.3632, 0.3514

Complementary

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



24.8912, 0.2876, 0.3490



18.2177, 0.3463, 0.3099

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.



24.8912, 0.3565, 0.3304



24.8912, 0.2876, 0.3490



24.8912, 0.3122, 0.2943

Square

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



24.8912, 0.2876, 0.3490



24.8912, 0.2708, 0.2901



24.8912, 0.3375, 0.3099



24.8912, 0.3558, 0.3677

Rectangle

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



24.8912, 0.2876, 0.3490



24.8912, 0.2653, 0.3100



24.8912, 0.3375, 0.3099



24.8912, 0.3626, 0.3447

Sweetspot

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



24.8922, 0.2876, 0.3490



47.4588, 0.3051, 0.3344



25.0503, 0.3214, 0.3929



10.8569, 0.3046, 0.3348



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.8922, 0.2876, 0.3490



42.9724, 0.2826, 0.3539



23.3216, 0.2771, 0.3173



6.0879, 0.3030, 0.3360



18.1555, 0.2533, 0.4318



0.1776, 0.2386, 0.3790

Inverse Universe

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



18.2177, 0.3463, 0.3099



29.1790, 0.3560, 0.3056



19.3863, 0.3589, 0.3404



5.4502, 0.3235, 0.3221



5.3335, 0.5649, 0.2886



0.0546, 0.4590, 0.2302

Previews

White Background



This preview shows how the Yxy color 24.8912, 0.2876, 0.3490 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8912, 0.2876, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

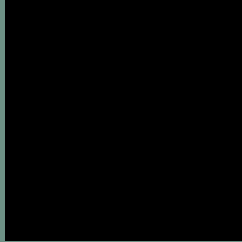
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8912, 0.2876, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 24.8912, 0.2876, 0.3490.



This preview shows how white text looks on a background with the Yxy color 24.8912, 0.2876, 0.3490.

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

24.8912, 0.2876, 0.3490

Protanopia

24.8296, 0.3268, 0.3426

Deuteranopia

24.7641, 0.3292, 0.3225



Tritanopia

24.8275, 0.2745, 0.3097

Trichromacy



Original Color

24.8912, 0.2876, 0.3490

Protanomaly

24.7441, 0.3109, 0.3447

Deuteranomaly

24.5085, 0.3126, 0.3307

Tritanomaly

24.8351, 0.2797, 0.3236

Monochromacy



Original Color

24.8912, 0.2876, 0.3490

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.5593, 0.3036, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8912, 0.2876, 0.3490 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(109, 144, 133)` looks like.

```
.text, #text, p{  
    color:rgb(109, 144, 133)  
}
```

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(109, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 144, 133) }
```

Border

The CSS property to change the border of an element to Yxy 24.8912, 0.2876, 0.3490 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(109, 144, 133) }
```

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

```
.border{ border-color:rgb(109, 144, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 144, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(109, 144,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8912, 0.2876, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 144, 133) }
```

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

```
.background{ background-color: rgb(109,  
144, 133) }
```

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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