

Converting Colors

$Y_{xy}(24.8605, 0.2746, 0.3572)$

Have a look what the booklet for
Yxy(24.8605, 0.2746, 0.3572)
contains.

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Color

$Y_{xy}(24.8605, 0.2746, 0.3572)$

Conversions

Conversions Part 1

Format	Color
Hex	5D9384
RGB	93, 147, 132
RGB Percent	36%, 58%, 52%
CMY	0.6354, 0.4235, 0.4823
CMYK	0.37, 0.00, 0.10, 0.42
HSL	163°, 23%, 47%
HSV	163°, 37%, 58%
XYZ	19.1117, 24.8605, 25.6261
YIQ	129.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

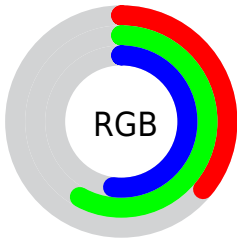
Format	Color
R_{YB}	93, 124, 147
Decimal	6132612
CIE _{Lab}	56.94, -21.47, 2.28
CIE _{LCh}	57, 21.588, 173.950
Yxy	24.8605, 0.2746, 0.3572
Android (android.graphics.Color)	4284322692 (0xFF5D9384)
YUV	129.1440, 1.4080, -31.6983
Hunter-Lab	49.8603, -18.8357, 4.4297

Details

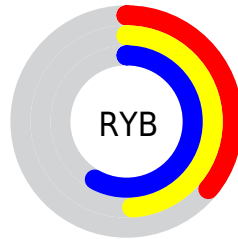
The Yxy color **24.8605, 0.2746, 0.3572** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.1103, 0.3740, 0.3030**, and the grayscale version is **22.0072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2958, 0.2826, 0.3508**, and **9.5039, 0.2602, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **24.0574, 0.2663, 0.3663**, and if you desaturate by 10%, it is **25.8174, 0.2840, 0.3486**.

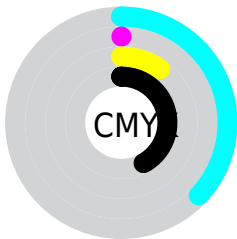
Distribution



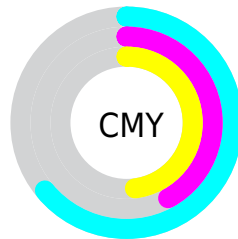
- Red (36%)
- Green (58%)
- Blue (52%)



- Red (36%)
- Yellow (49%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8605, 0.2746, 0.3572 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 24.8605, 0.2746, 0.3572 by changing the saturation by 10% instead.

■ 24.8605, 0.2746,
0.3572

■ 24.8605, 0.2746,
0.3572

■ 277.1425, 0.2957,
0.3415

■ 15.9732, 0.2685,
0.3618

■ 51.4308, 0.2828,
0.3510

■ 9.5052, 0.2602,
0.3682

■ 69.8826, 0.2857,
0.3488

■ 5.0721, 0.2480,
0.3776

■ 92.2913, 0.2881,
0.3471

■ 2.2896, 0.2284,
0.3930

■ 119.0413, 0.2901,
0.3456

■ 0.7682, 0.1248,
0.4651

■ 150.5170, 0.2918,
0.3443

■ 0.0000, 0.0000,
0.0000

187.1029, 0.2933,

0.3432

229.1833, 0.2946,
0.3423

■ 24.8605, 0.2746,
0.3572

■ 24.8605, 0.2746,
0.3572

■ 24.0574, 0.2663,
0.3663

■ 25.8174, 0.2840,
0.3486

■ 23.3966, 0.2595,
0.3759

■ 26.9330, 0.2943,
0.3407

■ 22.8698, 0.2543,
0.3859

■ 28.2155, 0.3052,
0.3335

■ 22.4662, 0.2510,
0.3961

■ 29.6719, 0.3164,
0.3269

■ 22.1739, 0.2495,
0.4063

■ 31.3086, 0.3278,
0.3211

■ 21.9730, 0.2498,
0.4165

■ 33.1316, 0.3391,
0.3159

■ 21.9143, 0.2500,
0.4198

■ 35.1470, 0.3503,
0.3112

■ 37.3601, 0.3613,
0.3072

■ 39.7764, 0.3718,
0.3036

Harmonies

Analogous

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



24.8605, 0.3090, 0.3858



24.8605, 0.2746, 0.3572



24.8605, 0.2512, 0.3210

Triad

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



24.8605, 0.2746, 0.3572



24.8605, 0.2776, 0.2690



24.8605, 0.3870, 0.3615

Complementary

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



24.8605, 0.2746, 0.3572



15.1103, 0.3740, 0.3030

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.



24.8605, 0.3781, 0.3314



24.8605, 0.2746, 0.3572



24.8605, 0.3130, 0.2800

Square

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



24.8605, 0.2746, 0.3572



24.8605, 0.2529, 0.2720



24.8605, 0.3503, 0.3023



24.8605, 0.3747, 0.3858

Rectangle

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



24.8605, 0.2746, 0.3572



24.8605, 0.2442, 0.2992



24.8605, 0.3503, 0.3023



24.8605, 0.3864, 0.3518

Sweetspot

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



24.8615, 0.2746, 0.3572



49.4607, 0.3002, 0.3367



24.8652, 0.3231, 0.4312



11.2273, 0.2989, 0.3375



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.8615, 0.2746, 0.3572



43.3262, 0.2678, 0.3646



21.8444, 0.2597, 0.3069



6.5351, 0.3024, 0.3352



19.0013, 0.2498, 0.4192



0.2376, 0.2367, 0.3723

Inverse Universe

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



15.1103, 0.3740, 0.3030



23.2688, 0.3944, 0.2972



17.0322, 0.3908, 0.3498



5.8403, 0.3241, 0.3229



5.5190, 0.5782, 0.2959



0.0720, 0.4728, 0.2378

Previews

White Background



This preview shows how the Yxy color 24.8605, 0.2746, 0.3572 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 24.8605, 0.2746, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

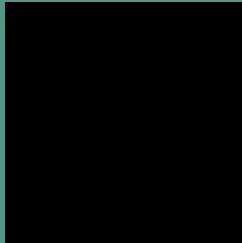
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8605, 0.2746, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 24.8605, 0.2746, 0.3572.

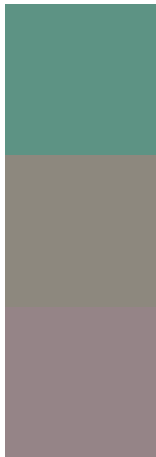


This preview shows how white text looks on a background with the Yxy color 24.8605, 0.2746, 0.3572.

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

24.8605, 0.2746, 0.3572

Protanopia

24.7774, 0.3289, 0.3460

Deuteranopia

24.6414, 0.3291, 0.3241



Tritanopia

24.9657, 0.2606, 0.3093

Trichromacy



Original Color

24.8605, 0.2746, 0.3572

Protanomaly

24.5998, 0.3074, 0.3503

Deuteranomaly

24.2797, 0.3070, 0.3342

Tritanomaly

24.8988, 0.2654, 0.3252

Monochromacy



Original Color

24.8605, 0.2746, 0.3572

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.9330, 0.2970, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8605, 0.2746, 0.3572 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(93, 147, 132)` looks like.

```
.text, #text, p{  
    color:rgb(93, 147, 132)  
}
```

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(93, 147, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 147, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.8605, 0.2746, 0.3572 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(93, 147, 132) }
```

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

```
.border{ border-color:rgb(93, 147, 132) }
```

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

Here you see how a box with a 4 pixel rgb(93, 147, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 147, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 147, 132);  
box-shadow:4px 4px 4px 4px rgb(93, 147,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8605, 0.2746, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 147, 132) }
```

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

```
.background{ background-color: rgb(93, 147,  
132) }
```

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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