

Converting Colors

$Yxy(24.8929, 0.2681, 0.3544)$

Have a look what the booklet for
Yxy(24.8929, 0.2681, 0.3544)
contains.

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Color

$\text{Yxy}(24.9273, 0.2684, 0.3555)$

Conversions

Conversions Part 1

Format	Color
Hex	579486
RGB	87, 148, 134
RGB Percent	34%, 58%, 53%
CMY	0.6590, 0.4196, 0.4745
CMYK	0.41, 0.00, 0.09, 0.42
HSL	166°, 26%, 46%
HSV	166°, 41%, 58%
XYZ	18.8199, 24.9273, 26.3718
YIQ	128.1650, -31.8620, -17.2860

Conversions

Conversions Part 2

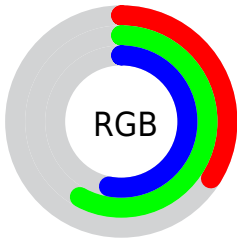
Format	Color
R _Y B	87, 121, 148
Decimal	5739654
CIE Lab	57.00, -23.25, 1.20
CIE LCh	57, 23.279, 177.041
Yxy	24.9273, 0.2684, 0.3555
Android (android.graphics.Color)	4283929734 (0xFF579486)
YUV	128.1650, 2.8767, -36.1017
Hunter-Lab	49.9272, -20.0876, 3.6319

Details

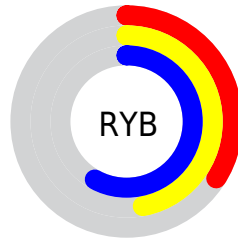
The Yxy color **24.9273, 0.2684, 0.3555** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.0451, 0.3899, 0.3048**, and the grayscale version is **21.6417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4044, 0.2781, 0.3495**, and **9.5468, 0.2526, 0.3672** is the 20% darker color. If you saturate the color by 10%, you get **24.1946, 0.2603, 0.3631**, and if you desaturate by 10%, it is **25.8111, 0.2778, 0.3483**.

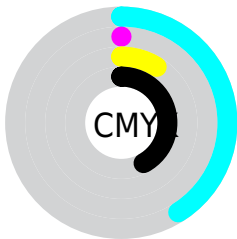
Distribution



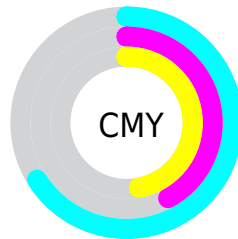
- Red (34%)
- Green (58%)
- Blue (53%)



- Red (34%)
- Yellow (47%)
- Blue (58%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



- Cyan (66%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9273, 0.2684, 0.3555 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 24.9273, 0.2684, 0.3555 by changing the saturation by 10% instead.


 24.9273, 0.2684,
0.3555


 24.9273, 0.2684,
0.3555


277.4757, 0.2928,
0.3408


 16.0229, 0.2614,
0.3597


 51.5393, 0.2779,
0.3498


 9.5404, 0.2518,
0.3656


 70.0156, 0.2813,
0.3477

 5.0953, 0.2379,
0.3742

 92.4514, 0.2840,
0.3461

 2.3033, 0.2159,
0.3879

 119.2310, 0.2864,
0.3447

 0.7754, 0.0994,
0.4547

150.7389, 0.2884,
0.3435

 0.0000, 0.0000,
0.0000

187.3593, 0.2901,

0.3425

229.4768, 0.2915,
0.3416

■ 24.9273, 0.2684,
0.3555

■ 24.9273, 0.2684,
0.3555

■ 24.1946, 0.2603,
0.3631

■ 25.8111, 0.2778,
0.3483

■ 23.6009, 0.2538,
0.3711

■ 26.8513, 0.2882,
0.3415

■ 23.1373, 0.2491,
0.3793


■ 28.0565, 0.2995,
0.3353


■ 22.7924, 0.2462,
0.3876


■ 29.4338, 0.3112,
0.3297

■ 22.5528, 0.2452,
0.3959


■ 30.9899, 0.3233,
0.3246

 22.3988, 0.2453,
0.4031

 32.7313, 0.3354,
0.3200

 34.6639, 0.3475,
0.3159

 36.7935, 0.3593,
0.3124

 39.1256, 0.3708,
0.3093

Harmonies

Analogous

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



24.9273, 0.3044, 0.3881



24.9273, 0.2684, 0.3555



24.9273, 0.2450, 0.3163

Triad

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



24.9273, 0.2684, 0.3555



24.9273, 0.2784, 0.2653



24.9273, 0.3924, 0.3668

Complementary

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



24.9273, 0.2684, 0.3555



14.0451, 0.3899, 0.3048

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.



24.9273, 0.3853, 0.3347



24.9273, 0.2684, 0.3555



24.9273, 0.3171, 0.2785

Square

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



24.9273, 0.2684, 0.3555



24.9273, 0.2506, 0.2667



24.9273, 0.3570, 0.3033



24.9273, 0.3768, 0.3919

Rectangle

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



24.9273, 0.2684, 0.3555



24.9273, 0.2389, 0.2935



24.9273, 0.3570, 0.3033



24.9273, 0.3927, 0.3565

Sweetspot

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



24.9283, 0.2684, 0.3555



49.2729, 0.2983, 0.3359



24.6488, 0.3208, 0.4467



11.1895, 0.2970, 0.3366



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.



24.9283, 0.2684, 0.3555



42.7131, 0.2605, 0.3629



20.5917, 0.2529, 0.2978



6.5397, 0.3018, 0.3341



19.1335, 0.2452, 0.4026



0.2386, 0.2344, 0.3638

Inverse Universe

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



14.0451, 0.3899, 0.3048



20.7042, 0.4187, 0.2995



16.7320, 0.4020, 0.3576



5.8359, 0.3248, 0.3239



5.4799, 0.5937, 0.3044



0.0710, 0.4930, 0.2490

Previews

White Background



This preview shows how the Yxy color 24.9273, 0.2684, 0.3555 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 24.9273, 0.2684, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

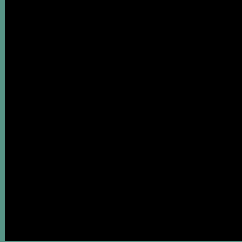
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9273, 0.2684, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 24.9273, 0.2684, 0.3555.

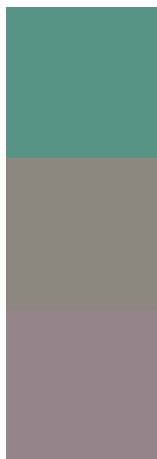


This preview shows how white text looks on a background with the Yxy color 24.9273, 0.2684, 0.3555.

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

24.9273, 0.2684, 0.3555

Protanopia

24.8033, 0.3278, 0.3443

Deuteranopia

24.6982, 0.3269, 0.3209



Tritanopia

24.9783, 0.2554, 0.3091

Trichromacy



Original Color

24.9273, 0.2684, 0.3555

Protanomaly

24.4328, 0.3023, 0.3469

Deuteranomaly

24.3902, 0.3018, 0.3325

Tritanomaly

24.9200, 0.2602, 0.3252

Monochromacy



Original Color

24.9273, 0.2684, 0.3555

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.4504, 0.2938, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9273, 0.2684, 0.3555 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(87, 148, 134)` looks like.

```
.text, #text, p{  
    color:rgb(87, 148, 134)  
}
```

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(87, 148, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 148, 134) }
```

Border

The CSS property to change the border of an element to Yxy 24.9273, 0.2684, 0.3555 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(87, 148, 134) }
```

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

```
.border{ border-color:rgb(87, 148, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 148, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 148, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 148, 134);  
box-shadow:4px 4px 4px 4px rgb(87, 148,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9273, 0.2684, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 148, 134) }
```

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

```
.background{ background-color: rgb(87, 148,  
134) }
```

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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