

Converting Colors

$Yxy(25.7213, 0.2884, 0.3960)$

Have a look what the booklet for
Yxy(25.7213, 0.2884, 0.3960)
contains.

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Color

Yxy(25.7213, 0.2884, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	5D9774
RGB	93, 151, 116
RGB Percent	36%, 59%, 45%
CMY	0.6353, 0.4078, 0.5451
CMYK	0.38, 0.00, 0.23, 0.41
HSL	144°, 24%, 48%
HSV	144°, 38%, 59%
XYZ	18.7324, 25.7213, 20.4991
YIQ	129.6680, -23.3330, -23.1810

Conversions

Conversions Part 2

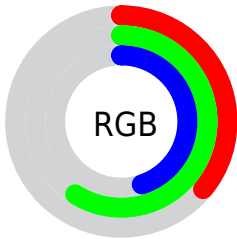
Format	Color
R_{YB}	93, 135, 151
Decimal	6133620
CIE _{Lab}	57.77, -27.01, 12.57
CIE _{LCh}	58, 29.786, 155.049
Yxy	25.7213, 0.2884, 0.3960
Android (android.graphics.Color)	4284323700 (0xFF5D9774)
YUV	129.6680, -6.7383, -32.1578
Hunter-Lab	50.7162, -22.8230, 11.5367

Details

The Yxy color **25.7213, 0.2884, 0.3960** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.9658, 0.3489, 0.2708**, and the grayscale version is **22.2300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9895, 0.2938, 0.3814**, and **10.0239, 0.2773, 0.4241** is the 20% darker color. If you saturate the color by 10%, you get **24.8090, 0.2835, 0.4174**, and if you desaturate by 10%, it is **26.8122, 0.2942, 0.3761**.

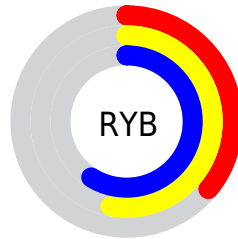
Distribution



Red (36%)

Green (59%)

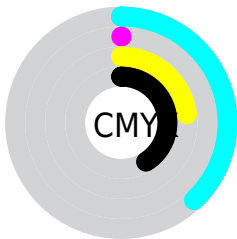
Blue (45%)



Red (36%)

Yellow (53%)

Blue (59%)

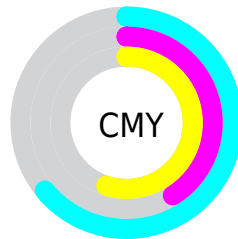


Cyan (38%)

Magenta (0%)

Yellow (23%)

Black (41%)



Cyan (64%)


Magenta (41%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7213, 0.2884, 0.3960 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 25.7213, 0.2884, 0.3960 by changing the saturation by 10% instead.


 25.7213, 0.2884,
0.3960

 25.7213, 0.2884,
0.3960


281.4113, 0.3025,
0.3577


 16.6153, 0.2841,
0.4076


 52.8250, 0.2941,
0.3807

 9.9606, 0.2779,
0.4239


 71.5914, 0.2960,
0.3754

 5.3728, 0.2683,
0.4487

 94.3468, 0.2976,
0.3711

 2.4676, 0.2519,
0.4905

 121.4755, 0.2989,
0.3675

 0.8604, 0.1471,
0.7987

153.3619, 0.3000,
0.3645

 0.0000, 0.0000,
0.0000

190.3904, 0.3010,

0.3619

232.9454, 0.3018,
0.3597

■ 25.7213, 0.2884,
0.3960

■ 25.7213, 0.2884,
0.3960

■ 24.8090, 0.2835,
0.4174

■ 26.8122, 0.2942,
0.3761

■ 24.0621, 0.2797,
0.4399

■ 28.0874, 0.3005,
0.3579

■ 23.4711, 0.2773,
0.4630


■ 29.5564, 0.3071,
0.3415


■ 23.0238, 0.2767,
0.4858


■ 31.2272, 0.3138,
0.3268


■ 22.7061, 0.2778,
0.5077


■ 33.1070, 0.3204,
0.3138


 22.4905, 0.2804,
0.5278

 35.2030, 0.3269,
0.3024

 22.4596, 0.2808,
0.5309

 37.5218, 0.3332,
0.2924

 40.0699, 0.3391,
0.2836

 42.8535, 0.3448,
0.2760

Harmonies

Analogous

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



25.7213, 0.3383, 0.4201



25.7213, 0.2884, 0.3960



25.7213, 0.2472, 0.3489

Triad

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



25.7213, 0.2884, 0.3960



25.7213, 0.2425, 0.2490



25.7213, 0.4102, 0.3457

Complementary

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



25.7213, 0.2884, 0.3960



15.9658, 0.3489, 0.2708

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.



25.7213, 0.3804, 0.3063



25.7213, 0.2884, 0.3960



25.7213, 0.2812, 0.2528

Square

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



25.7213, 0.2884, 0.3960



25.7213, 0.2227, 0.2644



25.7213, 0.3318, 0.2734



25.7213, 0.4107, 0.3847

Rectangle

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



25.7213, 0.2884, 0.3960



25.7213, 0.2295, 0.3150



25.7213, 0.3318, 0.2734



25.7213, 0.4032, 0.3323

Sweetspot

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



25.7224, 0.2884, 0.3960



51.8809, 0.3045, 0.3475



27.5738, 0.3439, 0.4298



11.7214, 0.3038, 0.3494



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.7224, 0.2884, 0.3960



44.6522, 0.2841, 0.4141



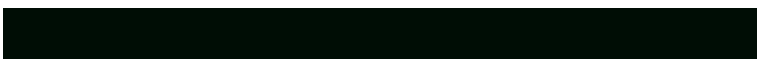
26.4823, 0.2658, 0.3412



6.9641, 0.3065, 0.3427



19.1111, 0.2805, 0.5297



0.2926, 0.2576, 0.4475

Inverse Universe

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



15.9658, 0.3489, 0.2708



24.6536, 0.3602, 0.2581



15.3227, 0.3931, 0.3176



6.2821, 0.3194, 0.3157



6.2473, 0.4491, 0.2248



0.1005, 0.3825, 0.1881

Previews

White Background



This preview shows how the Yxy color 25.7213, 0.2884, 0.3960 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 25.7213, 0.2884, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

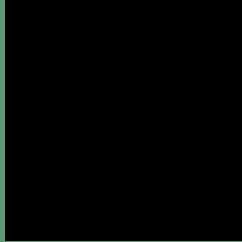
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7213, 0.2884, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 25.7213, 0.2884, 0.3960.



This preview shows how white text looks on a background with the Yxy color 25.7213, 0.2884, 0.3960.

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

25.7213, 0.2884, 0.3960

Protanopia

25.5058, 0.3527, 0.3759

Deuteranopia

25.4002, 0.3565, 0.3499



Tritanopia

25.8169, 0.2619, 0.3096

Trichromacy



Original Color

25.7213, 0.2884, 0.3960

Protanomaly

25.3268, 0.3262, 0.3843

Deuteranomaly

25.1564, 0.3275, 0.3656

Tritanomaly

25.7855, 0.2717, 0.3398

Monochromacy



Original Color

25.7213, 0.2884, 0.3960

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.4395, 0.3030, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7213, 0.2884, 0.3960 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, 151, 116)` looks like.

```
.text, #text, p{  
    color:rgb(93, 151, 116)  
}
```

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, 151, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 151, 116) }
```

Border

The CSS property to change the border of an element to Yxy 25.7213, 0.2884, 0.3960 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, 151, 116) }
```

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

```
.border{ border-color:rgb(93, 151, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 151, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 151, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 151, 116);  
box-shadow:4px 4px 4px 4px rgb(93, 151,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7213, 0.2884, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 151, 116) }
```

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

```
.background{ background-color: rgb(93, 151,  
116) }
```

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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