

Converting Colors

$Y_{xy}(25.5893, 0.2760, 0.4025)$

Have a look what the booklet for
Yxy(25.5893, 0.2760, 0.4025)
contains.

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Color

$\text{Yxy}(25.6212, 0.2761, 0.4018)$

Conversions

Conversions Part 1

Format	Color
Hex	4D9974
RGB	77, 153, 116
RGB Percent	30%, 60%, 45%
CMY	0.6979, 0.4000, 0.5451
CMYK	0.50, 0.00, 0.24, 0.40
HSL	151°, 33%, 45%
HSV	151°, 50%, 60%
XYZ	17.6058, 25.6212, 20.5390
YIQ	126.0580, -33.4190, -27.6190

Conversions

Conversions Part 2

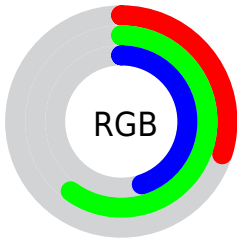
Format	Color
RYB	77, 127, 153
Decimal	5085556
CIELab	57.68, -32.55, 12.33
CIElCh	58, 34.803, 159.259
Yxy	25.6212, 0.2761, 0.4018
Android (android.graphics.Color)	4283275636 (0xFF4D9974)
YUV	126.0580, -4.9586, -43.0239
Hunter-Lab	50.6174, -26.4943, 11.3740

Details

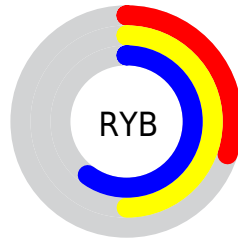
The Yxy color **25.6212, 0.2761, 0.4018** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.3002, 0.3794, 0.2679**, and the grayscale version is **20.9134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7642, 0.2847, 0.3854**, and **9.8632, 0.2607, 0.4310** is the 20% darker color. If you saturate the color by 10%, you get **24.8921, 0.2715, 0.4199**, and if you desaturate by 10%, it is **26.5160, 0.2820, 0.3846**.

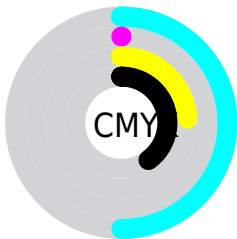
Distribution



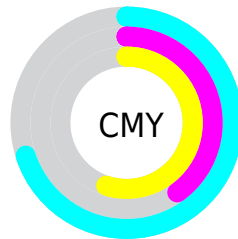
- Red (30%)
- Green (60%)
- Blue (45%)



- Red (30%)
- Yellow (50%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)




- Cyan (70%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6212, 0.2761, 0.4018 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 25.6212, 0.2761, 0.4018 by changing the saturation by 10% instead.


 25.6212, 0.2761,
0.4018


 25.6212, 0.2761,
0.4018


280.9176, 0.2970,
0.3601


 16.5405, 0.2698,
0.4145


 52.6632, 0.2845,
0.3851


 9.9074, 0.2608,
0.4325

 71.3933, 0.2874,
0.3793


 5.3376, 0.2473,
0.4598

 94.1086, 0.2897,
0.3746

 2.4467, 0.2246,
0.5061

 121.1936, 0.2917,
0.3707

 0.8498, 0.0142,
0.9173

 153.0325, 0.2933,
0.3674

 0.0000, 0.0000,
0.0000

190.0099, 0.2947,

0.3646

232.5102, 0.2960,
0.3622

■ 25.6212, 0.2761,
0.4018

■ 25.6212, 0.2761,
0.4018

■ 24.8921, 0.2715,
0.4199

■ 26.5160, 0.2820,
0.3846

■ 24.3146, 0.2685,
0.4385

■ 27.5834, 0.2889,
0.3686

■ 23.8773, 0.2674,
0.4572


■ 28.8334, 0.2966,
0.3539


■ 23.5658, 0.2682,
0.4756

■ 30.2746, 0.3047,
0.3406


■ 23.3463, 0.2705,
0.4933


■ 31.9149, 0.3130,
0.3286

 23.3391, 0.2705,
0.4939

 33.7617, 0.3214,
0.3179

 35.8221, 0.3296,
0.3085

 38.1029, 0.3376,
0.3002

 40.6105, 0.3454,
0.2929

Harmonies

Analogous

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



25.6212, 0.3333, 0.4350



25.6212, 0.2761, 0.4018



25.6212, 0.2314, 0.3432

Triad

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



25.6212, 0.2761, 0.4018



25.6212, 0.2366, 0.2362



25.6212, 0.4290, 0.3535

Complementary

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



25.6212, 0.2761, 0.4018



13.3002, 0.3794, 0.2679

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.



25.6212, 0.3987, 0.3082



25.6212, 0.2761, 0.4018



25.6212, 0.2834, 0.2438

Square

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



25.6212, 0.2761, 0.4018



25.6212, 0.2109, 0.2498



25.6212, 0.3432, 0.2695



25.6212, 0.4239, 0.3979

Rectangle

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



25.6212, 0.2761, 0.4018



25.6212, 0.2137, 0.3039



25.6212, 0.3432, 0.2695



25.6212, 0.4227, 0.3381

Sweetspot

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



25.6222, 0.2761, 0.4018



52.7192, 0.3001, 0.3479



26.9644, 0.3417, 0.4653



11.5336, 0.2985, 0.3506



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.



25.6222, 0.2761, 0.4018



44.4035, 0.2709, 0.4227



26.6612, 0.2492, 0.3288



6.9758, 0.3050, 0.3400



19.2964, 0.2702, 0.4927



0.2958, 0.2494, 0.4178

Inverse Universe

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



13.3002, 0.3794, 0.2679



19.6275, 0.4035, 0.2561



12.6208, 0.4472, 0.3294



6.2703, 0.3211, 0.3182



6.0184, 0.4966, 0.2510



0.0973, 0.4087, 0.2025

Previews

White Background



This preview shows how the Yxy color 25.6212, 0.2761, 0.4018 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 25.6212, 0.2761, 0.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

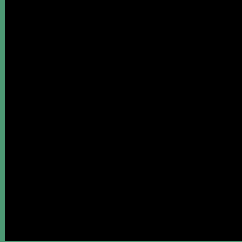
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6212, 0.2761, 0.4018

Background



This preview shows how black text looks on a background with the Yxy color 25.6212, 0.2761, 0.4018.



This preview shows how white text looks on a background with the Yxy color 25.6212, 0.2761, 0.4018.

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

25.6212, 0.2761, 0.4018

Protanopia

25.4841, 0.3538, 0.3776

Deuteranopia

25.2992, 0.3553, 0.3500



Tritanopia

25.4945, 0.2510, 0.3074

Trichromacy



Original Color

25.6212, 0.2761, 0.4018

Protanomaly

24.9523, 0.3207, 0.3852

Deuteranomaly

24.6773, 0.3208, 0.3663

Tritanomaly

25.4094, 0.2603, 0.3400

Monochromacy



Original Color

25.6212, 0.2761, 0.4018

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.2016, 0.2964, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6212, 0.2761, 0.4018 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(77, 153, 116)` looks like.

```
.text, #text, p{  
    color:rgb(77, 153, 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(77, 153, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 153, 116) }
```

Border

The CSS property to change the border of an element to Yxy 25.6212, 0.2761, 0.4018 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(77, 153, 116) }
```

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

```
.border{ border-color:rgb(77, 153, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 153, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 153, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 153, 116);  
box-shadow:4px 4px 4px 4px rgb(77, 153,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6212, 0.2761, 0.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 153, 116) }
```

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

```
.background{ background-color: rgb(77, 153,  
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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