

Converting Colors

$Y_{xy}(25.4942, 0.3096, 0.3863)$

Have a look what the booklet for
Yxy(25.4942, 0.3096, 0.3863)
contains.

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Color

$\text{Yxy}(25.4404, 0.3100, 0.3858)$

Conversions

Conversions Part 1

Format	Color
Hex	739273
RGB	115, 146, 115
RGB Percent	45%, 57%, 45%
CMY	0.5491, 0.4274, 0.5489
CMYK	0.21, 0.00, 0.21, 0.43
HSL	120°, 12%, 51%
HSV	120°, 21%, 57%
XYZ	20.4420, 25.4404, 20.0595
YIQ	133.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

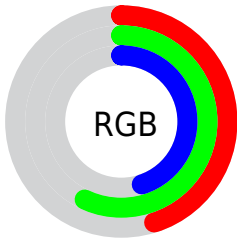
Format	Color
R_{YB}	115, 146, 146
Decimal	7574131
CIE _{Lab}	57.50, -17.25, 12.93
CIE _{LCh}	58, 21.555, 143.154
Yxy	25.4404, 0.3100, 0.3858
Android (android.graphics.Color)	4285764211 (0xFF739273)
YUV	133.1970, -8.9711, -15.9588
Hunter-Lab	50.4385, -15.9238, 11.7271

Details

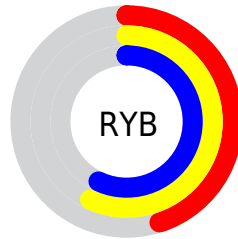
The Yxy color $25.4404, 0.3100, 0.3858$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.4411, 0.3152, 0.2781$, and the grayscale version is $23.5659, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3141, 0.3106, 0.3730$, and $9.7479, 0.3076, 0.4078$ is the 20% darker color. If you saturate the color by 10%, you get $24.2195, 0.3085, 0.4174$, and if you desaturate by 10%, it is $26.8733, 0.3114, 0.3572$.

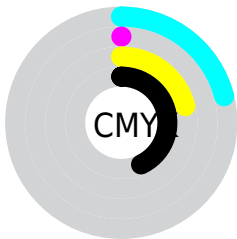
Distribution



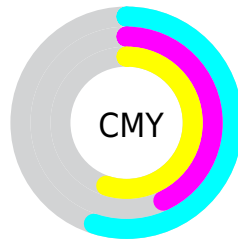
- Red (45%)
- Green (57%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (57%)



- Cyan (21%)
- Magenta (0%)
- Yellow (21%)
- Black (43%)





- Cyan (55%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4404, 0.3100, 0.3858 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 25.4404, 0.3100, 0.3858 by changing the saturation by 10% instead.


 25.4404, 0.3100,
0.3858


 25.4404, 0.3100,
0.3858


280.0241, 0.3120,
0.3536

 16.4055, 0.3092,
0.3954


 52.3708, 0.3109,
0.3730


 9.8115, 0.3079,
0.4090


 71.0350, 0.3112,
0.3685

 5.2742, 0.3055,
0.4294

 93.6778, 0.3114,
0.3649

 2.4090, 0.3007,
0.4634

 120.6836, 0.3116,
0.3619

 0.8305, 0.3071,
0.6924

152.4367, 0.3117,
0.3593

 0.0000, 0.0000,
0.0000

189.3216, 0.3118,

0.3571

231.7226, 0.3119,
0.3552

■ 25.4404, 0.3100,
0.3858

■ 25.4404, 0.3100,
0.3858

■ 24.2195, 0.3085,
0.4174

■ 26.8733, 0.3114,
0.3572

■ 23.1975, 0.3069,
0.4514

■ 28.5242, 0.3126,
0.3319

■ 22.3649, 0.3052,
0.4863

■ 30.4028, 0.3136,
0.3099

■ 21.7099, 0.3036,
0.5201

■ 32.5173, 0.3146,
0.2908

■ 21.2198, 0.3022,
0.5503

■ 34.8755, 0.3153,
0.2744

■ 20.8799, 0.3011,
0.5744

■ 37.4848, 0.3160,
0.2603

■ 20.6729, 0.3004,
0.5906

■ 40.3523, 0.3166,
0.2482

■ 20.5606, 0.3000,
0.5999

■ 43.4848, 0.3171,
0.2378

■ 46.8890, 0.3176,
0.2288

Harmonies

Analogous

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



25.4404, 0.3463, 0.3953



25.4404, 0.3100, 0.3858



25.4404, 0.2757, 0.3578

Triad

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



25.4404, 0.3100, 0.3858



25.4404, 0.2530, 0.2727



25.4404, 0.3769, 0.3306

Complementary

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



25.4404, 0.3100, 0.3858



20.4411, 0.3152, 0.2781

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.



25.4404, 0.3491, 0.3019



25.4404, 0.3100, 0.3858



25.4404, 0.2771, 0.2694

Square

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



25.4404, 0.3100, 0.3858



25.4404, 0.2442, 0.2911



25.4404, 0.3120, 0.2800



25.4404, 0.3864, 0.3605

Rectangle

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



25.4404, 0.3100, 0.3858



25.4404, 0.2584, 0.3340



25.4404, 0.3120, 0.2800



25.4404, 0.3694, 0.3206

Sweetspot

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



25.4415, 0.3100, 0.3858



48.8480, 0.3120, 0.3438



27.9090, 0.3437, 0.3802



10.8307, 0.3119, 0.3452



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.



25.4415, 0.3100, 0.3858



43.6954, 0.3092, 0.4021



25.8280, 0.2958, 0.3568



6.4686, 0.3116, 0.3518



18.0915, 0.3000, 0.5999



0.2215, 0.2998, 0.5991

Inverse Universe

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



20.4411, 0.3152, 0.2781



33.0887, 0.3158, 0.2653



19.9920, 0.3339, 0.3028



5.9090, 0.3138, 0.3072



7.1976, 0.3213, 0.1544



0.0881, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 25.4404, 0.3100, 0.3858 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 25.4404, 0.3100, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

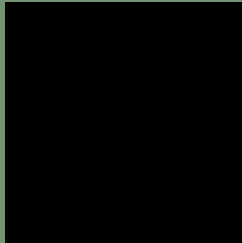
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

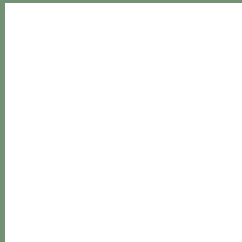
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.4404, 0.3100, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 25.4404, 0.3100, 0.3858.



This preview shows how white text looks on a background with the Yxy color 25.4404, 0.3100, 0.3858.

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

25.4404, 0.3100, 0.3858

Protanopia

25.1500, 0.3508, 0.3728

Deuteranopia

25.3522, 0.3588, 0.3532



Tritanopia

25.3817, 0.2820, 0.3101

Trichromacy



Original Color

25.4404, 0.3100, 0.3858

Protanomaly

25.0769, 0.3359, 0.3779

Deuteranomaly

25.2121, 0.3393, 0.3647

Tritanomaly

25.4309, 0.2918, 0.3360

Monochromacy



Original Color

25.4404, 0.3100, 0.3858

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1189, 0.3117, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4404, 0.3100, 0.3858 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(115, 146, 115)` looks like.

```
.text, #text, p{  
    color:rgb(115, 146, 115)  
}
```

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(115, 146, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 146, 115) }
```

Border

The CSS property to change the border of an element to Yxy 25.4404, 0.3100, 0.3858 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(115, 146, 115) }
```

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

```
.border{ border-color:rgb(115, 146, 115) }
```

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

Here you see how a box with a 4 pixel rgb(115, 146, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 146, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 146, 115);  
box-shadow:4px 4px 4px 4px rgb(115, 146,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4404, 0.3100, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 146, 115) }
```

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

```
.background{ background-color: rgb(115,  
146, 115) }
```

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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