

Converting Colors

$Y_{xy}(25.7073, 0.3076, 0.3517)$

Have a look what the booklet for
Yxy(25.7073, 0.3076, 0.3517)
contains.

Yxy(25.6922, 0.3074, 0.3517)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.6922, 0.3074, 0.3517)$

Conversions

Conversions Part 1

Format	Color
Hex	7E8F82
RGB	126, 143, 130
RGB Percent	49%, 56%, 51%
CMY	0.5059, 0.4392, 0.4901
CMYK	0.12, 0.00, 0.09, 0.44
HSL	134°, 7%, 53%
HSV	134°, 12%, 56%
XYZ	22.4560, 25.6922, 24.9032
YIQ	136.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

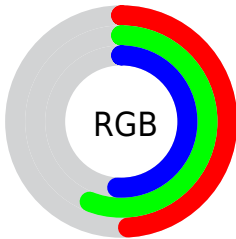
Format	Color
R_{YB}	126, 140, 143
Decimal	8294274
CIE _{Lab}	57.74, -8.76, 4.83
CIE _{LCh}	58, 10.005, 151.105
Yxy	25.6922, 0.3074, 0.3517
Android (android.graphics.Color)	4286484354 (0xFF7E8F82)
YUV	136.4350, -3.1725, -9.1515
Hunter-Lab	50.6875, -9.6224, 6.3515

Details

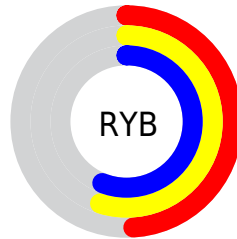
The Yxy color $25.6922, 0.3074, 0.3517$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.6223, 0.3185, 0.3073$, and the grayscale version is $24.8065, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.9351, 0.3087, 0.3469$, and $10.0006, 0.3051, 0.3606$ is the 20% darker color. If you saturate the color by 10%, you get $24.4052, 0.3030, 0.3734$, and if you desaturate by 10%, it is $27.1679, 0.3119, 0.3324$.

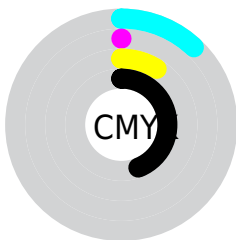
Distribution



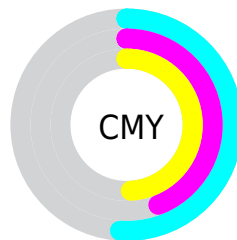
- Red (49%)
- Green (56%)
- Blue (51%)



- Red (49%)
- Yellow (55%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)





- Cyan (51%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6922, 0.3074, 0.3517 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 25.6922, 0.3074, 0.3517 by changing the saturation by 10% instead.


 25.6922, 0.3074,
0.3517


 25.6922, 0.3074,
0.3517


281.2678, 0.3104,
0.3391

 16.5935, 0.3065,
0.3554


 52.7780, 0.3086,
0.3467

 9.9451, 0.3052,
0.3605


 71.5338, 0.3090,
0.3450

 5.3626, 0.3033,
0.3681

 94.2776, 0.3094,
0.3436

 2.4615, 0.3002,
0.3805

121.3936, 0.3096,
0.3424

 0.8573, 0.2926,
0.4174

153.2662, 0.3099,
0.3413

 0.0000, 0.0000,
0.0000

190.2798, 0.3101,

0.3405

232.8189, 0.3103,
0.3397

■ 25.6922, 0.3074,
0.3517

■ 25.6922, 0.3074,
0.3517

■ 24.4052, 0.3030,
0.3734

■ 27.1679, 0.3119,
0.3324

■ 23.2960, 0.2987,
0.3974

■ 28.8360, 0.3163,
0.3154

■ 22.3578, 0.2949,
0.4234

■ 30.7044, 0.3205,
0.3005

■ 21.5817, 0.2917,
0.4510

■ 32.7795, 0.3245,
0.2875

■ 20.9585, 0.2894,
0.4792

■ 35.0674, 0.3283,
0.2761

■ 20.4777, 0.2883,
0.5069

■ 37.5740, 0.3318,
0.2663

■ 20.1274, 0.2885,
0.5326

■ 40.3047, 0.3351,
0.2578

■ 19.8939, 0.2901,
0.5549

■ 43.2652, 0.3382,
0.2503

■ 19.7611, 0.2917,
0.5701

■ 46.4606, 0.3411,
0.2438

Harmonies

Analogous

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



25.6922, 0.3245, 0.3587



25.6922, 0.3074, 0.3517



25.6922, 0.2920, 0.3381

Triad

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



25.6922, 0.3074, 0.3517



25.6922, 0.2869, 0.3013



25.6922, 0.3442, 0.3344

Complementary

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



25.6922, 0.3074, 0.3517



22.6223, 0.3185, 0.3073

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.



25.6922, 0.3336, 0.3198



25.6922, 0.3074, 0.3517



25.6922, 0.3003, 0.3011

Square

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



25.6922, 0.3074, 0.3517



25.6922, 0.2804, 0.3089



25.6922, 0.3174, 0.3078



25.6922, 0.3461, 0.3480

Rectangle

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



25.6922, 0.3074, 0.3517



25.6922, 0.2847, 0.3275



25.6922, 0.3174, 0.3078



25.6922, 0.3415, 0.3294

Sweetspot

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



25.6933, 0.3074, 0.3517



48.0440, 0.3109, 0.3364



26.6440, 0.3254, 0.3577



10.9741, 0.3106, 0.3377



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.



25.6933, 0.3074, 0.3517



45.4269, 0.3063, 0.3567



25.9294, 0.2994, 0.3368



6.0491, 0.3086, 0.3462



17.4744, 0.2915, 0.5693



0.1700, 0.2710, 0.4957

Inverse Universe

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



22.6223, 0.3185, 0.3073



38.9244, 0.3198, 0.3028



22.3851, 0.3281, 0.3214



5.4895, 0.3171, 0.3124



6.1445, 0.3897, 0.1920



0.0622, 0.3521, 0.1714

Previews

White Background



This preview shows how the Yxy color 25.6922, 0.3074, 0.3517 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 25.6922, 0.3074, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

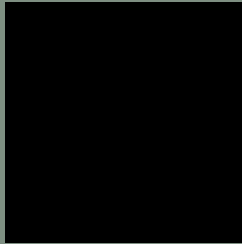
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6922, 0.3074, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 25.6922, 0.3074, 0.3517.

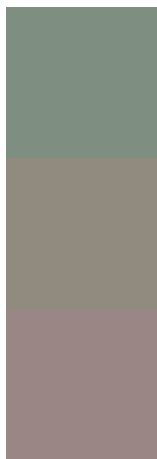


This preview shows how white text looks on a background with the Yxy color 25.6922, 0.3074, 0.3517.

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

25.6922, 0.3074, 0.3517

Protanopia

25.6386, 0.3309, 0.3474

Deuteranopia

25.5862, 0.3379, 0.3323



Tritanopia

25.6577, 0.2906, 0.3105

Trichromacy



Original Color

25.6922, 0.3074, 0.3517

Protanomaly

25.6330, 0.3216, 0.3495

Deuteranomaly

25.4593, 0.3268, 0.3390

Tritanomaly

25.6221, 0.2971, 0.3255

Monochromacy



Original Color

25.6922, 0.3074, 0.3517

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.0920, 0.3101, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6922, 0.3074, 0.3517 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(126, 143, 130)` looks like.

```
.text, #text, p{  
    color:rgb(126, 143, 130)  
}
```

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(126, 143, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 143, 130) }
```

Border

The CSS property to change the border of an element to Yxy 25.6922, 0.3074, 0.3517 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(126, 143, 130) }
```

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

```
.border{ border-color:rgb(126, 143, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 143, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 143, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 143, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 143,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6922, 0.3074, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 143, 130) }
```

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

```
.background{ background-color: rgb(126,  
143, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor