

Converting Colors

$Y_{xy}(25.0856, 0.3143, 0.3576)$

Have a look what the booklet for
Yxy(25.0856, 0.3143, 0.3576)
contains.

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Color

Yxy(25.1196, 0.3146, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	808D7D
RGB	128, 141, 125
RGB Percent	50%, 55%, 49%
CMY	0.4982, 0.4470, 0.5099
CMYK	0.09, 0.00, 0.11, 0.45
HSL	109°, 7%, 52%
HSV	109°, 11%, 55%
XYZ	22.1238, 25.1196, 23.0802
YIQ	135.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

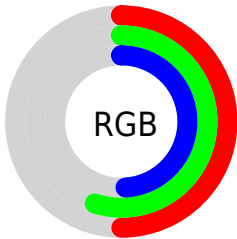
Format	Color
RYB	125, 141, 138
Decimal	8424829
CIELab	57.19, -7.91, 6.94
CIELCh	57, 10.526, 138.731
Yxy	25.1196, 0.3146, 0.3572
Android (android.graphics.Color)	4286614909 (0xFF808D7D)
YUV	135.2890, -5.0725, -6.3925
Hunter-Lab	50.1195, -8.9153, 7.7803

Details

The Yxy color $25.1196, 0.3146, 0.3572$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $21.9943, 0.3105, 0.3018$, and the grayscale version is $24.3595, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0683, 0.3141, 0.3509$, and $9.6662, 0.3156, 0.3689$ is the 20% darker color. If you saturate the color by 10%, you get $23.9452, 0.3161, 0.3850$, and if you desaturate by 10%, it is $26.4482, 0.3130, 0.3322$.

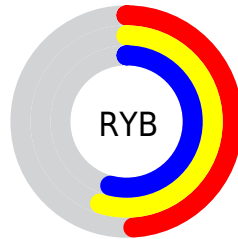
Distribution



Red (50%)

Green (55%)

Blue (49%)



Red (49%)

Yellow (55%)

Blue (54%)

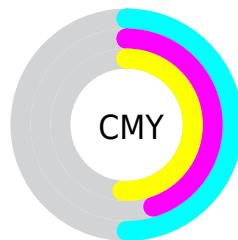


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1196, 0.3146, 0.3572 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 25.1196, 0.3146, 0.3572 by changing the saturation by 10% instead.

■ 25.1196, 0.3146,
0.3572

■ 25.1196, 0.3146,
0.3572

278.4330, 0.3137,
0.3414

■ 16.1662, 0.3148,
0.3618

■ 51.8512, 0.3143,
0.3510

■ 9.6418, 0.3151,
0.3683

■ 70.3981, 0.3142,
0.3488

■ 5.1621, 0.3153,
0.3779

■ 92.9117, 0.3140,
0.3470

■ 2.3427, 0.3155,
0.3937

119.7764, 0.3140,
0.3455

■ 0.7962, 0.3237,
0.4572

151.3764, 0.3139,
0.3443

■ 0.0000, 0.0000,
0.0000

188.0963, 0.3138,

0.3432

230.3203, 0.3137,
0.3422

■ 25.1196, 0.3146,
0.3572

■ 25.1196, 0.3146,
0.3572

■ 23.9452, 0.3161,
0.3850

■ 26.4482, 0.3130,
0.3322

■ 22.9161, 0.3172,
0.4153

■ 27.9328, 0.3112,
0.3100

■ 22.0277, 0.3178,
0.4476

■ 29.5795, 0.3094,
0.2904

■ 21.2736, 0.3178,
0.4805

■ 31.3931, 0.3077,
0.2733

■ 20.6474, 0.3170,
0.5126

■ 33.3781, 0.3060,
0.2584

■ 20.1415, 0.3154,
0.5418

■ 35.5389, 0.3044,
0.2453

■ 19.7480, 0.3128,
0.5659

■ 37.8796, 0.3029,
0.2339

■ 19.4577, 0.3096,
0.5835

■ 40.4043, 0.3014,
0.2239

■ 19.2759, 0.3071,
0.5944

■ 43.1170, 0.3001,
0.2151

Harmonies

Analogous

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



25.1196, 0.3321, 0.3609



25.1196, 0.3146, 0.3572



25.1196, 0.2970, 0.3452

Triad

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



25.1196, 0.3146, 0.3572



25.1196, 0.2815, 0.3021



25.1196, 0.3424, 0.3282

Complementary

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



25.1196, 0.3146, 0.3572



21.9943, 0.3105, 0.3018

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.



25.1196, 0.3282, 0.3135



25.1196, 0.3146, 0.3572



25.1196, 0.2930, 0.2986

Square

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



25.1196, 0.3146, 0.3572



25.1196, 0.2782, 0.3129



25.1196, 0.3100, 0.3028



25.1196, 0.3485, 0.3435

Rectangle

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



25.1196, 0.3146, 0.3572



25.1196, 0.2874, 0.3344



25.1196, 0.3100, 0.3028



25.1196, 0.3384, 0.3230

Sweetspot

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



25.1207, 0.3146, 0.3572



46.9304, 0.3132, 0.3362



25.2665, 0.3297, 0.3507



10.4408, 0.3134, 0.3381



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.1207, 0.3146, 0.3572



44.3316, 0.3151, 0.3651



25.0193, 0.3067, 0.3488



6.0746, 0.3143, 0.3515



17.5777, 0.3072, 0.5942



0.1752, 0.3310, 0.5754

Inverse Universe

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



21.9943, 0.3105, 0.3018



37.4254, 0.3098, 0.2945



22.1116, 0.3193, 0.3100



5.4611, 0.3110, 0.3071



5.0722, 0.2755, 0.1291



0.0570, 0.2988, 0.1420

Previews

White Background



This preview shows how the Yxy color 25.1196, 0.3146, 0.3572 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 25.1196, 0.3146, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

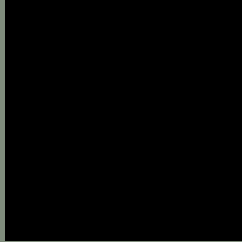
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

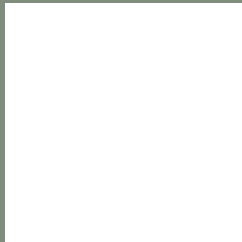
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1196, 0.3146, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 25.1196, 0.3146, 0.3572.



This preview shows how white text looks on a background with the Yxy color 25.1196, 0.3146, 0.3572.

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

25.1196, 0.3146, 0.3572

Protanopia

25.1610, 0.3343, 0.3527

Deuteranopia

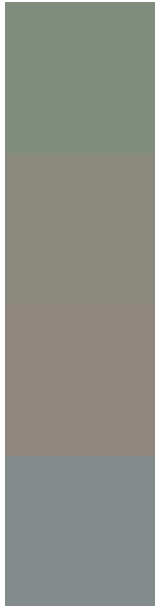
24.9049, 0.3440, 0.3372



Tritanopia

25.2524, 0.2955, 0.3105

Trichromacy



Original Color

25.1196, 0.3146, 0.3572

Protanomaly

25.0355, 0.3272, 0.3530

Deuteranomaly

24.8540, 0.3338, 0.3441

Tritanomaly

25.1840, 0.3031, 0.3273

Monochromacy



Original Color

25.1196, 0.3146, 0.3572

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4355, 0.3133, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1196, 0.3146, 0.3572 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(128, 141, 125)` looks like.

```
.text, #text, p{  
    color:rgb(128, 141, 125)  
}
```

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(128, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 141, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.1196, 0.3146, 0.3572 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(128, 141, 125) }
```

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

```
.border{ border-color:rgb(128, 141, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 141, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(128, 141,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1196, 0.3146, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 141, 125) }
```

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

```
.background{ background-color: rgb(128,  
141, 125) }
```

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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