

Converting Colors

$Y_{xy}(26.0588, 0.3205, 0.3805)$

Have a look what the booklet for
Yxy(26.0588, 0.3205, 0.3805)
contains.

Yxy(25.9474, 0.3208, 0.3804)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9474, 0.3208, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	7E9174
RGB	126, 145, 116
RGB Percent	49%, 57%, 45%
CMY	0.5059, 0.4314, 0.5450
CMYK	0.13, 0.00, 0.20, 0.43
HSL	99°, 12%, 51%
HSV	99°, 20%, 57%
XYZ	21.8820, 25.9474, 20.3814
YIQ	136.0130, -2.0150, -13.0470

Conversions

Conversions Part 2

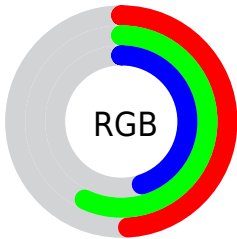
Format	Color
RYB	116, 145, 135
Decimal	8294772
CIELab	57.99, -12.46, 13.16
CIELCh	58, 18.123, 133.453
Yxy	25.9474, 0.3208, 0.3804
Android (android.graphics.Color)	4286484852 (0xFF7E9174)
YUV	136.0130, -9.8664, -8.7814
Hunter-Lab	50.9386, -12.4631, 11.9341

Details

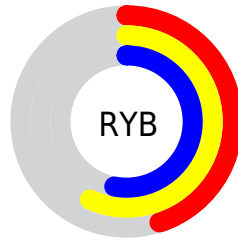
The Yxy color $25.9474, 0.3208, 0.3804$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.6906, 0.3028, 0.2793$, and the grayscale version is $24.6645, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2577, 0.3195, 0.3692$, and $10.1796, 0.3230, 0.4011$ is the 20% darker color. If you saturate the color by 10%, you get $24.9482, 0.3244, 0.4094$, and if you desaturate by 10%, it is $27.0702, 0.3168, 0.3535$.

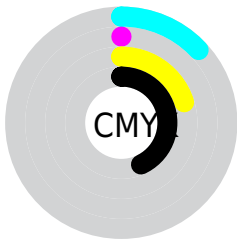
Distribution



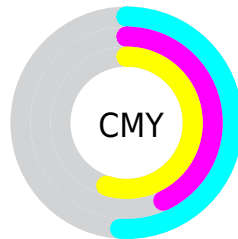
- Red (49%)
- Green (57%)
- Blue (45%)



- Red (45%)
- Yellow (57%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (43%)



- Cyan (51%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9474, 0.3208, 0.3804 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 25.9474, 0.3208, 0.3804 by changing the saturation by 10% instead.

■ 25.9474, 0.3208,
0.3804

■ 25.9474, 0.3208,
0.3804

■ 282.5238, 0.3167,
0.3515

■ 16.7843, 0.3218,
0.3889

■ 53.1901, 0.3193,
0.3690

■ 10.0808, 0.3229,
0.4008

■ 72.0384, 0.3188,
0.3650

■ 5.4526, 0.3243,
0.4184

■ 94.8840, 0.3183,
0.3617

■ 2.5152, 0.3256,
0.4473

■ 122.1112, 0.3179,
0.3590

■ 0.8842, 0.3664,
0.6043

■ 154.1043, 0.3176,
0.3567

■ 0.0000, 0.0000,
0.0000

■ 191.2479, 0.3172,

0.3547

233.9262, 0.3170,
0.3530

■ 25.9474, 0.3208,
0.3804

■ 25.9474, 0.3208,
0.3804

■ 24.9482, 0.3244,
0.4094

■ 27.0702, 0.3168,
0.3535

■ 24.0650, 0.3274,
0.4400

■ 28.3173, 0.3127,
0.3290

■ 23.2941, 0.3295,
0.4711

■ 29.6938, 0.3086,
0.3069

■ 22.6308, 0.3304,
0.5015

■ 31.2034, 0.3046,
0.2873

■ 22.0694, 0.3298,
0.5294

■ 32.8497, 0.3007,
0.2698

■ 21.6043, 0.3277,
0.5531

■ 34.6362, 0.2971,
0.2544

■ 21.2286, 0.3239,
0.5712

■ 36.5660, 0.2936,
0.2408

■ 20.9286, 0.3195,
0.5845

■ 38.6425, 0.2904,
0.2287

■ 20.9284, 0.3195,
0.5845

■ 40.8687, 0.2874,
0.2181

Harmonies

Analogous

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



25.9474, 0.3499, 0.3831



25.9474, 0.3208, 0.3804



25.9474, 0.2905, 0.3616

Triad

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



25.9474, 0.3208, 0.3804



25.9474, 0.2584, 0.2855



25.9474, 0.3601, 0.3224

Complementary

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



25.9474, 0.3208, 0.3804



19.6906, 0.3028, 0.2793

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.



25.9474, 0.3336, 0.2993



25.9474, 0.3208, 0.3804



25.9474, 0.2751, 0.2782

Square

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



25.9474, 0.3208, 0.3804



25.9474, 0.2555, 0.3051



25.9474, 0.3022, 0.2834



25.9474, 0.3735, 0.3481

Rectangle

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



25.9474, 0.3208, 0.3804



25.9474, 0.2737, 0.3431



25.9474, 0.3022, 0.2834



25.9474, 0.3524, 0.3142

Sweetspot

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



25.9485, 0.3208, 0.3804



49.3130, 0.3152, 0.3437



24.5693, 0.3448, 0.3609



10.9428, 0.3155, 0.3451



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.



25.9485, 0.3208, 0.3804



45.6337, 0.3225, 0.3933



25.3306, 0.3061, 0.3739



6.1140, 0.3165, 0.3514



17.9634, 0.3199, 0.5842



0.1831, 0.3534, 0.5576

Inverse Universe

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



19.6906, 0.3028, 0.2793



32.3260, 0.3001, 0.2673



20.4265, 0.3201, 0.2879



5.4193, 0.3086, 0.3070



3.8579, 0.2378, 0.1084



0.0491, 0.2774, 0.1302

Previews

White Background



This preview shows how the Yxy color 25.9474, 0.3208, 0.3804 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 25.9474, 0.3208, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

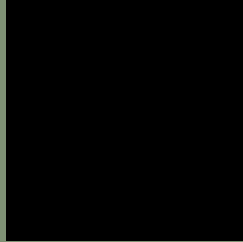
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

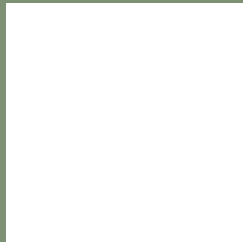
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.9474, 0.3208, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 25.9474, 0.3208, 0.3804.



This preview shows how white text looks on a background with the Yxy color 25.9474, 0.3208, 0.3804.

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

25.9474, 0.3208, 0.3804

Protanopia

25.8605, 0.3491, 0.3724

Deuteranopia

25.8318, 0.3608, 0.3545



Tritanopia

25.8158, 0.2926, 0.3106

Trichromacy



Original Color

25.9474, 0.3208, 0.3804

Protanomaly

25.7536, 0.3382, 0.3753

Deuteranomaly

25.7572, 0.3463, 0.3639

Tritanomaly

25.8481, 0.3029, 0.3358

Monochromacy



Original Color

25.9474, 0.3208, 0.3804

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9558, 0.3152, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9474, 0.3208, 0.3804 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, 145, 116)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 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(126, 145, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 116) }
```

Border

The CSS property to change the border of an element to Yxy 25.9474, 0.3208, 0.3804 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, 145, 116) }
```

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

```
.border{ border-color:rgb(126, 145, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 145, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 145, 116); box-shadow:4px 4px 4px 4px rgb(126, 145, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9474, 0.3208, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 116) }
```

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

```
.background{ background-color: rgb(126,  
145, 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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