

Converting Colors

$Y_{xy}(25.2867, 0.3562, 0.3774)$

Have a look what the booklet for
Yxy(25.2867, 0.3562, 0.3774)
contains.

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Color

$Y_{xy}(25.2699, 0.3565, 0.3775)$

Conversions

Conversions Part 1

Format	Color
Hex	94896C
RGB	148, 137, 108
RGB Percent	58%, 54%, 42%
CMY	0.4196, 0.4627, 0.5765
CMYK	0.00, 0.07, 0.27, 0.42
HSL	44°, 16%, 50%
HSV	44°, 27%, 58%
XYZ	23.8642, 25.2699, 17.8061
YIQ	136.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

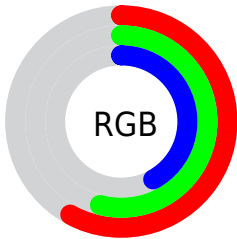
Format	Color
R_{YB}	123, 148, 108
Decimal	9734508
CIE Lab	57.34, -0.68, 17.07
CIE LCh	57, 17.087, 92.273
Yxy	25.2699, 0.3565, 0.3775
Android (android.graphics.Color)	4287924588 (0xFF94896C)
YUV	136.9830, -14.2886, 9.6619
Hunter-Lab	50.2692, -3.2322, 14.1870

Details

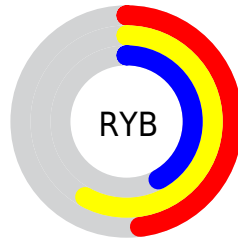
The Yxy color $25.2699, 0.3565, 0.3775$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.5160, 0.2694, 0.2752$, and the grayscale version is $25.0602, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.9215, 0.3465, 0.3663$, and $9.6840, 0.3736, 0.3953$ is the 20% darker color. If you saturate the color by 10%, you get $23.8479, 0.3748, 0.3959$, and if you desaturate by 10%, it is $26.7912, 0.3392, 0.3591$.

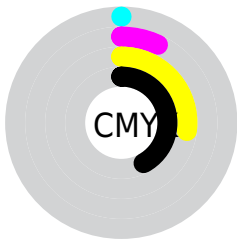
Distribution



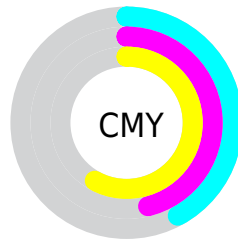
- Red (58%)
- Green (54%)
- Blue (42%)



- Red (48%)
- Yellow (58%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (27%)
- Black (42%)





- Cyan (42%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2699, 0.3565, 0.3775 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 25.2699, 0.3565, 0.3775 by changing the saturation by 10% instead.


 25.2699, 0.3565,
0.3775

 25.2699, 0.3565,
0.3775

279.1794, 0.3325,
0.3508


 16.2783, 0.3632,
0.3850


 52.0947, 0.3472,
0.3672


 9.7213, 0.3724,
0.3952


 70.6967, 0.3439,
0.3635

 5.2145, 0.3853,
0.4098

 93.2709, 0.3412,
0.3605

 2.3737, 0.4049,
0.4320

 120.2018, 0.3389,
0.3579

 0.8123, 0.4819,
0.5181

151.8737, 0.3369,
0.3558

 0.0000, 0.0000,
0.0000

188.6710, 0.3353,

0.3539

230.9781, 0.3338,
0.3523

■ 25.2699, 0.3565,
0.3775

■ 25.2699, 0.3565,
0.3775

■ 23.8479, 0.3748,
0.3959

■ 26.7912, 0.3392,
0.3591

■ 22.5187, 0.3936,
0.4135

■ 28.4115, 0.3232,
0.3411

■ 21.2799, 0.4125,
0.4296

■ 30.1346, 0.3085,
0.3240

■ 20.1278, 0.4307,
0.4430

■ 31.9632, 0.2952,
0.3079

■ 19.0584, 0.4473,
0.4529

■ 33.8998, 0.2831,
0.2929

■ 18.0669, 0.4616,
0.4584

■ 35.9470, 0.2723,
0.2791

■ 17.1457, 0.4733,
0.4596

■ 38.1070, 0.2627,
0.2663

■ 16.8811, 0.4767,
0.4597

■ 40.3821, 0.2540,
0.2547

■ 42.7744, 0.2463,
0.2440

Harmonies

Analogous

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



25.2699, 0.3701, 0.3614



25.2699, 0.3565, 0.3775



25.2699, 0.3314, 0.3806

Triad

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



25.2699, 0.3565, 0.3775



25.2699, 0.2607, 0.3157



25.2699, 0.3215, 0.2940

Complementary

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



25.2699, 0.3565, 0.3775



18.5160, 0.2694, 0.2752

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.



25.2699, 0.2923, 0.2824



25.2699, 0.3565, 0.3775



25.2699, 0.2583, 0.2934

Square

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



25.2699, 0.3565, 0.3775



25.2699, 0.2764, 0.3435



25.2699, 0.2696, 0.2818



25.2699, 0.3495, 0.3140

Rectangle

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



25.2699, 0.3565, 0.3775



25.2699, 0.3118, 0.3740



25.2699, 0.2696, 0.2818



25.2699, 0.3115, 0.2891

Sweetspot

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



25.2710, 0.3565, 0.3775



49.8019, 0.3249, 0.3431



18.3597, 0.3530, 0.3097



11.2752, 0.3271, 0.3456



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.2710, 0.3565, 0.3775



43.1631, 0.3667, 0.3879



27.7778, 0.3425, 0.3965



6.4780, 0.3266, 0.3450



14.4673, 0.4762, 0.4601



0.2264, 0.4452, 0.4847

Inverse Universe

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



18.5160, 0.2694, 0.2752



29.3472, 0.2595, 0.2621



16.6211, 0.2773, 0.2561



5.8769, 0.2989, 0.3125



3.2016, 0.1605, 0.0978



0.0832, 0.1821, 0.1755

Previews

White Background



This preview shows how the Yxy color 25.2699, 0.3565, 0.3775 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 25.2699, 0.3565, 0.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

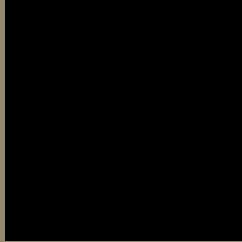
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

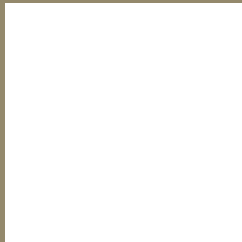
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.2699, 0.3565, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 25.2699, 0.3565, 0.3775.



This preview shows how white text looks on a background with the Yxy color 25.2699, 0.3565, 0.3775.

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

25.2699, 0.3565, 0.3775

Protanopia

25.1771, 0.3553, 0.3777

Deuteranopia

25.1837, 0.3733, 0.3657



Tritanopia

25.1611, 0.3238, 0.3115

Trichromacy



Original Color

25.2699, 0.3565, 0.3775

Protanomaly

25.1771, 0.3553, 0.3777

Deuteranomaly

25.2222, 0.3663, 0.3696

Tritanomaly

25.2412, 0.3366, 0.3356

Monochromacy



Original Color

25.2699, 0.3565, 0.3775

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.0604, 0.3287, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2699, 0.3565, 0.3775 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(148, 137, 108)` looks like.

```
.text, #text, p{  
    color:rgb(148, 137, 108)  
}
```

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(148, 137, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 137, 108) }
```

Border

The CSS property to change the border of an element to Yxy 25.2699, 0.3565, 0.3775 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(148, 137, 108) }
```

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

```
.border{ border-color:rgb(148, 137, 108) }
```

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

Here you see how a box with a 4 pixel rgb(148, 137, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 137, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 137, 108);  
box-shadow:4px 4px 4px 4px rgb(148, 137,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2699, 0.3565, 0.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 137, 108) }
```

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

```
.background{ background-color: rgb(148,  
137, 108) }
```

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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