

Converting Colors

$Y_{xy}(25.6350, 0.3796, 0.4037)$

Have a look what the booklet for
Yxy(25.6350, 0.3796, 0.4037)
contains.

Yxy(25.7220, 0.3793, 0.4038)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(25.7220, 0.3793, 0.4038)$

Conversions

Conversions Part 1

Format	Color
Hex	998A5C
RGB	153, 138, 92
RGB Percent	60%, 54%, 36%
CMY	0.3999, 0.4588, 0.6392
CMYK	0.00, 0.10, 0.40, 0.40
HSL	45°, 25%, 48%
HSV	45°, 40%, 60%
XYZ	24.1614, 25.7220, 13.8165
YIQ	137.2410, 23.7060, -11.1260

Conversions

Conversions Part 2

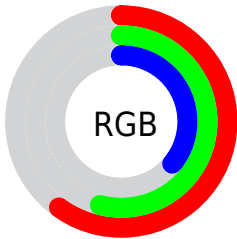
Format	Color
RYB	112, 153, 92
Decimal	10062428
CIELab	57.77, -1.25, 26.69
CIELCh	58, 26.720, 92.676
Yxy	25.7220, 0.3793, 0.4038
Android (android.graphics.Color)	4288252508 (0xFF998A5C)
YUV	137.2410, -22.3038, 13.8206
Hunter-Lab	50.7169, -3.7177, 19.3498

Details

The Yxy color **25.7220, 0.3793, 0.4038** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.0994, 0.2457, 0.2405**, and the grayscale version is **25.1933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6547, 0.3653, 0.3878**, and **9.9356, 0.4026, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **24.4189, 0.3976, 0.4217**, and if you desaturate by 10%, it is **27.1191, 0.3612, 0.3849**.

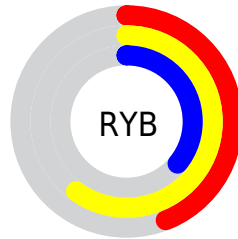
Distribution



Red (60%)

Green (54%)

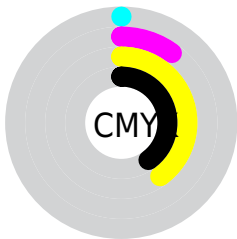
Blue (36%)



Red (44%)

Yellow (60%)

Blue (36%)

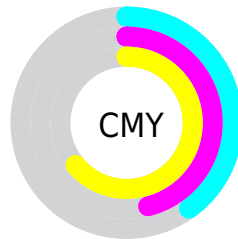


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7220, 0.3793, 0.4038 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 25.7220, 0.3793, 0.4038 by changing the saturation by 10% instead.


 25.7220, 0.3793,
0.4038


 25.7220, 0.3793,
0.4038


281.4147, 0.3433,
0.3631


 16.6158, 0.3890,
0.4149


 52.8261, 0.3657,
0.3883

 9.9609, 0.4017,
0.4295


 71.5928, 0.3607,
0.3827

 5.3731, 0.4186,
0.4493

 94.3485, 0.3566,
0.3780

 2.4678, 0.4544,
0.4906

 121.4774, 0.3531,
0.3741

 0.8604, 0.4778,
0.5222

153.3642, 0.3501,
0.3708

 0.0000, 0.0000,
0.0000

190.3930, 0.3475,

0.3679

232.9484, 0.3453,
0.3654

■ 25.7220, 0.3793,
0.4038

■ 25.7220, 0.3793,
0.4038

■ 24.4189, 0.3976,
0.4217

■ 27.1191, 0.3612,
0.3849

■ 23.2026, 0.4156,
0.4375

■ 28.6101, 0.3439,
0.3657

■ 22.0702, 0.4324,
0.4505

■ 30.1991, 0.3276,
0.3469

■ 21.0173, 0.4473,
0.4595

■ 31.8893, 0.3125,
0.3288

■ 20.0387, 0.4596,
0.4641

■ 33.6834, 0.2988,
0.3117

■ 19.1221, 0.4698,
0.4651

■ 35.5841, 0.2863,
0.2957

■ 19.1114, 0.4699,
0.4651

■ 37.5938, 0.2751,
0.2809

■ 39.7152, 0.2650,
0.2673

■ 41.9504, 0.2559,
0.2548

Harmonies

Analogous

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



25.7220, 0.4017, 0.3773



25.7220, 0.3793, 0.4038



25.7220, 0.3397, 0.4108

Triad

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



25.7220, 0.3793, 0.4038



25.7220, 0.2336, 0.3062



25.7220, 0.3263, 0.2766

Complementary

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



25.7220, 0.3793, 0.4038



15.0994, 0.2457, 0.2405

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.



25.7220, 0.2813, 0.2590



25.7220, 0.3793, 0.4038



25.7220, 0.2305, 0.2729

Square

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



25.7220, 0.3793, 0.4038



25.7220, 0.2562, 0.3507



25.7220, 0.2472, 0.2571



25.7220, 0.3704, 0.3060

Rectangle

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



25.7220, 0.3793, 0.4038



25.7220, 0.3095, 0.4007



25.7220, 0.2472, 0.2571



25.7220, 0.3107, 0.2692

Sweetspot

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



25.7232, 0.3793, 0.4038



53.3734, 0.3313, 0.3513



15.4967, 0.3845, 0.3034



11.7117, 0.3332, 0.3535



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.7232, 0.3793, 0.4038



43.9235, 0.3959, 0.4201



28.9490, 0.3538, 0.4309



6.9650, 0.3266, 0.3457



15.8426, 0.4695, 0.4654



0.2923, 0.4434, 0.4861

Inverse Universe

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



15.0994, 0.2457, 0.2405



22.1937, 0.2290, 0.2160



13.0972, 0.2585, 0.2160



6.2613, 0.2988, 0.3117



3.0769, 0.1588, 0.0915



0.0966, 0.1790, 0.1645

Previews

White Background



This preview shows how the Yxy color 25.7220, 0.3793, 0.4038 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 25.7220, 0.3793, 0.4038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

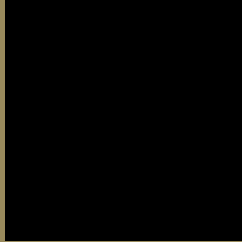
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7220, 0.3793, 0.4038

Background



This preview shows how black text looks on a background with the Yxy color 25.7220, 0.3793, 0.4038.



This preview shows how white text looks on a background with the Yxy color 25.7220, 0.3793, 0.4038.

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

25.7220, 0.3793, 0.4038

Protanopia

25.8173, 0.3763, 0.4060

Deuteranopia

25.6724, 0.3971, 0.3908



Tritanopia

25.7246, 0.3318, 0.3134

Trichromacy



Original Color

25.7220, 0.3793, 0.4038

Protanomaly

25.9133, 0.3775, 0.4056

Deuteranomaly

25.6953, 0.3897, 0.3952

Tritanomaly

25.5734, 0.3492, 0.3452

Monochromacy



Original Color

25.7220, 0.3793, 0.4038

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.1114, 0.3364, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7220, 0.3793, 0.4038 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(153, 138, 92)` looks like.

```
.text, #text, p{  
    color:rgb(153, 138, 92)  
}
```

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(153, 138, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 138, 92) }
```

Border

The CSS property to change the border of an element to Yxy 25.7220, 0.3793, 0.4038 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(153, 138, 92) }
```

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

```
.border{ border-color:rgb(153, 138, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 138, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 138, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 138, 92);  
box-shadow:4px 4px 4px 4px rgb(153, 138,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7220, 0.3793, 0.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 138, 92) }
```

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

```
.background{ background-color: rgb(153,  
138, 92) }
```

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