

Converting Colors

$Y_{xy}(25.7661, 0.3808, 0.3848)$

Have a look what the booklet for
Yxy(25.7661, 0.3808, 0.3848)
contains.

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Color

Yxy(25.7216, 0.3808, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	A08764
RGB	160, 135, 100
RGB Percent	63%, 53%, 39%
CMY	0.3726, 0.4706, 0.6078
CMYK	0.00, 0.16, 0.37, 0.37
HSL	35°, 24%, 51%
HSV	35°, 37%, 63%
XYZ	25.4608, 25.7216, 15.6790
YIQ	138.4850, 26.1350, -5.5850

Conversions

Conversions Part 2

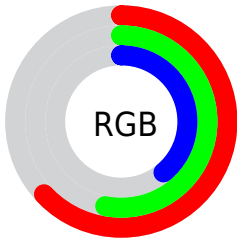
Format	Color
R_{YB}	143, 160, 100
Decimal	10520420
CIE _{Lab}	57.77, 4.33, 22.36
CIE _{LCh}	58, 22.780, 79.033
Yxy	25.7216, 0.3808, 0.3847
Android (android.graphics.Color)	4288710500 (0xFFA08764)
YUV	138.4850, -18.9731, 18.8687
Hunter-Lab	50.7165, 0.8573, 17.1720

Details

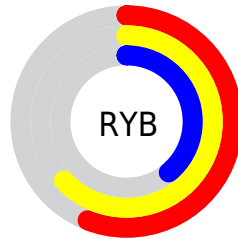
The Yxy color $25.7216, 0.3808, 0.3847$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.9121, 0.2526, 0.2657$, and the grayscale version is $25.6777, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7997, 0.3669, 0.3733$, and $9.8798, 0.4049, 0.4019$ is the 20% darker color. If you saturate the color by 10%, you get $23.6408, 0.4031, 0.3994$, and if you desaturate by 10%, it is $27.9821, 0.3601, 0.3694$.

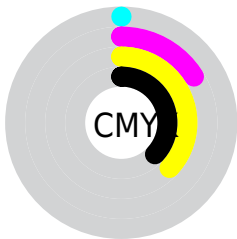
Distribution



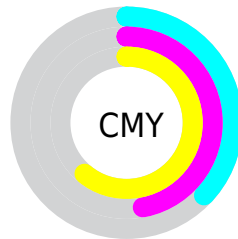
- Red (63%)
- Green (53%)
- Blue (39%)



- Red (56%)
- Yellow (63%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (37%)
- Black (37%)





- Cyan (37%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7216, 0.3808, 0.3847 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 25.7216, 0.3808, 0.3847 by changing the saturation by 10% instead.


 25.7216, 0.3808,
0.3847


 25.7216, 0.3808,
0.3847


281.4127, 0.3435,
0.3548

 16.6155, 0.3912,
0.3927


 52.8255, 0.3665,
0.3734


 9.9607, 0.4051,
0.4032


 71.5920, 0.3613,
0.3693

 5.3729, 0.4245,
0.4172

 94.3475, 0.3571,
0.3659

 2.4677, 0.4567,
0.4401

 121.4763, 0.3535,
0.3630

 0.8604, 0.5184,
0.4816

153.3629, 0.3504,
0.3605

 0.0000, 0.0000,
0.0000

190.3915, 0.3478,

0.3584

232.9467, 0.3455,
0.3565

■ 25.7216, 0.3808,
0.3847

■ 25.7216, 0.3808,
0.3847

■ 23.6408, 0.4031,
0.3994

■ 27.9821, 0.3601,
0.3694

■ 21.7303, 0.4264,
0.4126

■ 30.4240, 0.3412,
0.3542

■ 19.9854, 0.4500,
0.4232


■ 33.0536, 0.3242,
0.3395


■ 18.3992, 0.4726,
0.4302


■ 35.8758, 0.3091,
0.3256

■ 16.9643, 0.4931,
0.4325

■ 38.8949, 0.2957,
0.3126


 15.6698, 0.5108,
0.4300

 42.1156, 0.2839,
0.3005

 15.3638, 0.5151,
0.4292

 45.5421, 0.2735,
0.2894

 49.1784, 0.2642,
0.2792

 53.0286, 0.2561,
0.2698

Harmonies

Analogous

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



25.7216, 0.3903, 0.3578



25.7216, 0.3808, 0.3847



25.7216, 0.3528, 0.3985

Triad

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



25.7216, 0.3808, 0.3847



25.7216, 0.2516, 0.3267



25.7216, 0.3065, 0.2753

Complementary

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



25.7216, 0.3808, 0.3847



19.9121, 0.2526, 0.2657

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.



25.7216, 0.2710, 0.2660



25.7216, 0.3808, 0.3847



25.7216, 0.2409, 0.2928

Square

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



25.7216, 0.3808, 0.3847



25.7216, 0.2782, 0.3643



25.7216, 0.2477, 0.2716



25.7216, 0.3459, 0.2968

Rectangle

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



25.7216, 0.3808, 0.3847



25.7216, 0.3281, 0.3965



25.7216, 0.2477, 0.2716



25.7216, 0.2937, 0.2707

Sweetspot

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



25.7228, 0.3808, 0.3847



58.2055, 0.3303, 0.3449



18.0681, 0.3640, 0.2890



12.6333, 0.3324, 0.3468



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



25.7228, 0.3808, 0.3847



43.5219, 0.3994, 0.3971



33.0288, 0.3623, 0.4215



7.2567, 0.3270, 0.3420



12.0571, 0.5140, 0.4301



0.2979, 0.4680, 0.4666

Inverse Universe

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



19.9121, 0.2526, 0.2657



31.4306, 0.2386, 0.2485



14.6554, 0.2512, 0.2201



6.8665, 0.2988, 0.3156



5.1548, 0.1708, 0.1348



0.1737, 0.1922, 0.2119

Previews

White Background



This preview shows how the Yxy color 25.7216, 0.3808, 0.3847 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 25.7216, 0.3808, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

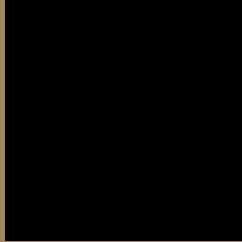
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7216, 0.3808, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 25.7216, 0.3808, 0.3847.



This preview shows how white text looks on a background with the Yxy color 25.7216, 0.3808, 0.3847.

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

25.7216, 0.3808, 0.3847

Protanopia

25.8141, 0.3633, 0.3904

Deuteranopia

25.6945, 0.3880, 0.3805



Tritanopia

25.7512, 0.3414, 0.3137

Trichromacy



Original Color

25.7216, 0.3808, 0.3847

Protanomaly

25.8888, 0.3697, 0.3894

Deuteranomaly

25.7568, 0.3850, 0.3824

Tritanomaly

25.7697, 0.3571, 0.3401

Monochromacy



Original Color

25.7216, 0.3808, 0.3847

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4575, 0.3367, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7216, 0.3808, 0.3847 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(160, 135, 100)` looks like.

```
.text, #text, p{  
    color:rgb(160, 135, 100)  
}
```

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(160, 135, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 135, 100) }
```

Border

The CSS property to change the border of an element to Yxy 25.7216, 0.3808, 0.3847 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(160, 135, 100) }
```

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

```
.border{ border-color:rgb(160, 135, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 135, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 135, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 135, 100);  
box-shadow:4px 4px 4px 4px rgb(160, 135,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7216, 0.3808, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 135, 100) }
```

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

```
.background{ background-color: rgb(160,  
135, 100) }
```

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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