

Converting Colors

$Y_{xy}(25.0216, 0.4176, 0.3648)$

Have a look what the booklet for
Yxy(25.0216, 0.4176, 0.3648)
contains.

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Color

Yxy(24.9928, 0.4175, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	B67B62
RGB	182, 123, 98
RGB Percent	71%, 48%, 38%
CMY	0.2864, 0.5176, 0.6157
CMYK	0.00, 0.32, 0.46, 0.29
HSL	18°, 37%, 55%
HSV	18°, 46%, 71%
XYZ	28.5720, 24.9928, 14.8711
YIQ	137.7910, 43.1890, 4.7330

Conversions

Conversions Part 2

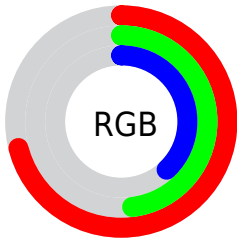
Format	Color
R_{YB}	182, 134, 98
Decimal	11959138
CIE _{Lab}	57.07, 19.99, 22.98
CIE _{LCh}	57, 30.462, 48.980
Yxy	24.9928, 0.4175, 0.3652
Android (android.graphics.Color)	4290149218 (0xFFB67B62)
YUV	137.7910, -19.6170, 38.7713
Hunter-Lab	49.9928, 14.5293, 17.3582

Details

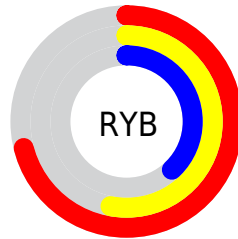
The Yxy color **24.9928, 0.4175, 0.3652** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.0623, 0.2447, 0.2883**, and the grayscale version is **25.3959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7459, 0.3949, 0.3592**, and **9.5722, 0.4553, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **21.7230, 0.4508, 0.3719**, and if you desaturate by 10%, it is **28.7567, 0.3880, 0.3574**.

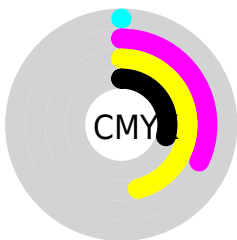
Distribution



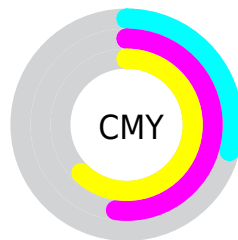
- Red (71%)
- Green (48%)
- Blue (38%)



- Red (71%)
- Yellow (53%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (46%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9928, 0.4175, 0.3652 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 24.9928, 0.4175, 0.3652 by changing the saturation by 10% instead.


 24.9928, 0.4175,
0.3652


 24.9928, 0.4175,
0.3652


277.8021, 0.3594,
0.3476


 16.0717, 0.4339,
0.3690


 51.6455, 0.3950,
0.3591


 9.5749, 0.4561,
0.3732


 70.1460, 0.3869,
0.3567

 5.1180, 0.4874,
0.3773

 92.6083, 0.3803,
0.3547

 2.3167, 0.5412,
0.3841

 119.4169, 0.3747,
0.3529

 0.7825, 0.6234,
0.3766

150.9562, 0.3700,
0.3513

 0.0000, 1.0000,
0.0000

187.6105, 0.3660,

 0.0000, 0.0000,

0.3499

0.0000

229.7644, 0.3625,
0.3487

■ 24.9928, 0.4175,
0.3652

■ 24.9928, 0.4175,
0.3652

■ 21.7230, 0.4508,
0.3719

■ 28.7567, 0.3880,
0.3574

■ 18.9223, 0.4868,
0.3766

■ 33.0307, 0.3625,
0.3492

■ 16.5691, 0.5236,
0.3780


■ 37.8350, 0.3409,
0.3412

■ 14.6381, 0.5580,
0.3751

■ 43.1873, 0.3225,
0.3335

■ 13.1008, 0.5865,
0.3678

■ 49.1044, 0.3071,
0.3263

 12.6016, 0.5964,
0.3646

 55.6025, 0.2940,
0.3197

 62.6972, 0.2830,
0.3137

 70.4032, 0.2737,
0.3082

 78.2921, 0.2691,
0.3103

Harmonies

Analogous

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



24.9928, 0.4003, 0.3239



24.9928, 0.4175, 0.3652



24.9928, 0.4037, 0.4021

Triad

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



24.9928, 0.4175, 0.3652



24.9928, 0.2660, 0.3774



24.9928, 0.2567, 0.2462

Complementary

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



24.9928, 0.4175, 0.3652



30.0623, 0.2447, 0.2883

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.



24.9928, 0.2269, 0.2524



24.9928, 0.4175, 0.3652



24.9928, 0.2315, 0.3248

Square

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



24.9928, 0.4175, 0.3652



24.9928, 0.3148, 0.4157



24.9928, 0.2180, 0.2793



24.9928, 0.3035, 0.2585

Rectangle

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



24.9928, 0.4175, 0.3652



24.9928, 0.3802, 0.4187



24.9928, 0.2180, 0.2793



24.9928, 0.2446, 0.2460

Sweetspot

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



24.9940, 0.4175, 0.3652



70.4030, 0.3371, 0.3397



21.1488, 0.3473, 0.2461



15.1077, 0.3413, 0.3413



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.9940, 0.4175, 0.3652



39.5207, 0.4500, 0.3718



37.2903, 0.3904, 0.4193



9.4370, 0.3280, 0.3359



9.0062, 0.5944, 0.3663



0.4291, 0.5424, 0.4076

Inverse Universe

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



30.0623, 0.2447, 0.2883



49.7419, 0.2324, 0.2779



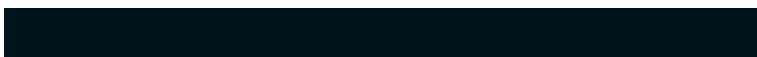
18.5056, 0.2322, 0.2177



9.7463, 0.2985, 0.3220



13.3607, 0.1973, 0.2302



0.5735, 0.2052, 0.2587

Previews

White Background



This preview shows how the Yxy color 24.9928, 0.4175, 0.3652 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 24.9928, 0.4175, 0.3652 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 24.9928, 0.4175, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 24.9928, 0.4175, 0.3652.



This preview shows how white text looks on a background with the Yxy color 24.9928, 0.4175, 0.3652.

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

24.9928, 0.4175, 0.3652

Protanopia

25.0938, 0.3597, 0.3844

Deuteranopia

24.9696, 0.3926, 0.3839



Tritanopia

25.0665, 0.3850, 0.3164

Trichromacy



Original Color

24.9928, 0.4175, 0.3652

Protanomaly

24.9354, 0.3802, 0.3770

Deuteranomaly

24.9593, 0.4020, 0.3762

Tritanomaly

24.9076, 0.3977, 0.3336

Monochromacy



Original Color

24.9928, 0.4175, 0.3652

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.0751, 0.3483, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9928, 0.4175, 0.3652 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(182, 123, 98)` looks like.

```
.text, #text, p{  
    color:rgb(182, 123, 98)  
}
```

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(182, 123, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 123, 98) }
```

Border

The CSS property to change the border of an element to Yxy 24.9928, 0.4175, 0.3652 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(182, 123, 98) }
```

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

```
.border{ border-color:rgb(182, 123, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 123, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 123, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 123, 98);  
box-shadow:4px 4px 4px 4px rgb(182, 123,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9928, 0.4175, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 123, 98) }
```

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

```
.background{ background-color: rgb(182,  
123, 98) }
```

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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