

Converting Colors

$Y_{xy}(25.4567, 0.4237, 0.3758)$

Have a look what the booklet for
Yxy(25.4567, 0.4237, 0.3758)
contains.

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Color

Yxy(25.5072, 0.4245, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	B77D5C
RGB	183, 125, 92
RGB Percent	72%, 49%, 36%
CMY	0.2823, 0.5098, 0.6392
CMYK	0.00, 0.32, 0.50, 0.28
HSL	22°, 39%, 54%
HSV	22°, 50%, 72%
XYZ	28.7974, 25.5072, 13.5337
YIQ	138.5800, 45.1610, 2.0330

Conversions

Conversions Part 2

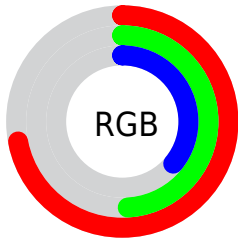
Format	Color
R_{YB}	183, 144, 92
Decimal	12025180
CIE Lab	57.57, 18.73, 27.03
CIE LCh	58, 32.879, 55.284
Yxy	25.5072, 0.4245, 0.3760
Android (android.graphics.Color)	4290215260 (0xFFB77D5C)
YUV	138.5800, -22.9639, 38.9563
Hunter-Lab	50.5047, 13.3962, 19.4653

Details

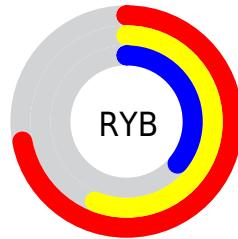
The Yxy color **25.5072, 0.4245, 0.3760** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.5198, 0.2381, 0.2745**, and the grayscale version is **25.7269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5247, 0.4003, 0.3678**, and **9.8704, 0.4641, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **22.4432, 0.4564, 0.3837**, and if you desaturate by 10%, it is **28.9981, 0.3955, 0.3668**.

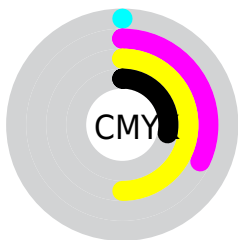
Distribution



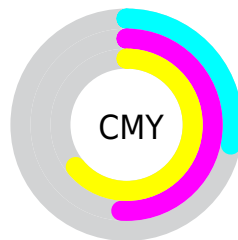
- Red (72%)
- Green (49%)
- Blue (36%)



- Red (72%)
- Yellow (56%)
- Blue (36%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (28%)



- Cyan (28%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5072, 0.4245, 0.3760 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 25.5072, 0.4245, 0.3760 by changing the saturation by 10% instead.


 25.5072, 0.4245,
0.3760


 25.5072, 0.4245,
0.3760

280.3545, 0.3629,
0.3530


 16.4553, 0.4416,
0.3810


 52.4789, 0.4008,
0.3680


 9.8469, 0.4644,
0.3866


 71.1675, 0.3923,
0.3649

 5.2976, 0.4958,
0.3922

 93.8371, 0.3853,
0.3622

 2.4229, 0.5559,
0.4059

 120.8721, 0.3794,
0.3598

 0.8376, 0.6125,
0.3875

152.6570, 0.3743,
0.3578

 0.0000, 1.0000,
0.0000

189.5761, 0.3700,

 0.0000, 0.0000,

0.3560

0.0000

232.0138, 0.3662,
0.3544

■ 25.5072, 0.4245,
0.3760

■ 25.5072, 0.4245,
0.3760

■ 22.4432, 0.4564,
0.3837

■ 28.9981, 0.3955,
0.3668

■ 19.7848, 0.4901,
0.3887

■ 32.9287, 0.3698,
0.3570

■ 17.5142, 0.5235,
0.3897

■ 37.3157, 0.3476,
0.3472


■ 15.6102, 0.5537,
0.3860

■ 42.1739, 0.3286,
0.3377

■ 14.0435, 0.5792,
0.3780

■ 47.5173, 0.3123,
0.3288

 14.0044, 0.5799,
0.3777

 53.3593, 0.2984,
0.3205

 59.7127, 0.2866,
0.3129

 66.5900, 0.2765,
0.3059

 73.8912, 0.2687,
0.3014

Harmonies

Analogous

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



25.5072, 0.4133, 0.3323



25.5072, 0.4245, 0.3760



25.5072, 0.4030, 0.4134

Triad

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



25.5072, 0.4245, 0.3760



25.5072, 0.2532, 0.3696



25.5072, 0.2621, 0.2421

Complementary

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



25.5072, 0.4245, 0.3760



27.5198, 0.2381, 0.2745

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.



25.5072, 0.2262, 0.2441



25.5072, 0.4245, 0.3760



25.5072, 0.2211, 0.3126

Square

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



25.5072, 0.4245, 0.3760



25.5072, 0.3029, 0.4163



25.5072, 0.2120, 0.2677



25.5072, 0.3147, 0.2590

Rectangle

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



25.5072, 0.4245, 0.3760



25.5072, 0.3748, 0.4285



25.5072, 0.2120, 0.2677



25.5072, 0.2479, 0.2405

Sweetspot

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



25.5085, 0.4245, 0.3760



70.6059, 0.3387, 0.3429



19.9659, 0.3593, 0.2477



15.1972, 0.3428, 0.3449



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.



25.5085, 0.4245, 0.3760



39.5443, 0.4607, 0.3845



39.3550, 0.3929, 0.4329



9.5308, 0.3279, 0.3373



9.8879, 0.5778, 0.3794



0.4683, 0.5282, 0.4188

Inverse Universe

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



27.5198, 0.2381, 0.2745



43.4902, 0.2236, 0.2594



15.9347, 0.2234, 0.1968



9.6483, 0.2985, 0.3205



11.3420, 0.1910, 0.2074



0.5129, 0.2007, 0.2424

Previews

White Background



This preview shows how the Yxy color 25.5072, 0.4245, 0.3760 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 25.5072, 0.4245, 0.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

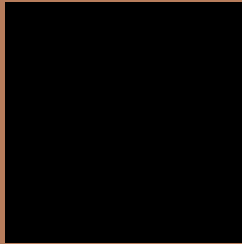
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5072, 0.4245, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 25.5072, 0.4245, 0.3760.



This preview shows how white text looks on a background with the Yxy color 25.5072, 0.4245, 0.3760.

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

25.5072, 0.4245, 0.3760

Protanopia

25.8311, 0.3688, 0.3967

Deuteranopia

25.7459, 0.4005, 0.3934



Tritanopia

25.4570, 0.3845, 0.3165

Trichromacy



Original Color

25.5072, 0.4245, 0.3760

Protanomaly

25.5761, 0.3883, 0.3889

Deuteranomaly

25.6048, 0.4099, 0.3872

Tritanomaly

25.4943, 0.3991, 0.3378

Monochromacy



Original Color

25.5072, 0.4245, 0.3760

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4239, 0.3503, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5072, 0.4245, 0.3760 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(183, 125, 92)` looks like.

```
.text, #text, p{  
    color:rgb(183, 125, 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(183, 125, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 125, 92) }
```

Border

The CSS property to change the border of an element to Yxy 25.5072, 0.4245, 0.3760 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(183, 125, 92) }
```

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

```
.border{ border-color:rgb(183, 125, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 125, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 125, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 125, 92);  
box-shadow:4px 4px 4px 4px rgb(183, 125,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5072, 0.4245, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 125, 92) }
```

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

```
.background{ background-color: rgb(183,  
125, 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](#).

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