

Converting Colors

$Y_{xy}(25.9610, 0.4341, 0.3755)$

Have a look what the booklet for
Yxy(25.9610, 0.4341, 0.3755)
contains.

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Color

Yxy(25.9723, 0.4346, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	BD7C5A
RGB	189, 124, 90
RGB Percent	74%, 49%, 35%
CMY	0.2589, 0.5137, 0.6470
CMYK	0.00, 0.34, 0.52, 0.26
HSL	21°, 43%, 55%
HSV	21°, 52%, 74%
XYZ	30.0361, 25.9723, 13.1036
YIQ	139.5590, 49.6540, 3.2060

Conversions

Conversions Part 2

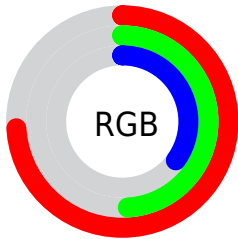
Format	Color
R _Y B	189, 142, 90
Decimal	12418138
CIE Lab	58.01, 21.56, 28.86
CIE LCh	58, 36.024, 53.243
Yxy	25.9723, 0.4346, 0.3758
Android (android.graphics.Color)	4290608218 (0xFFBD7C5A)
YUV	139.5590, -24.4326, 43.3598
Hunter-Lab	50.9630, 16.0173, 20.4294

Details

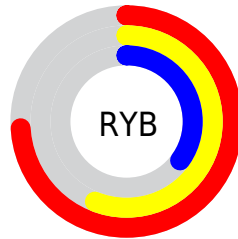
The Yxy color **25.9723, 0.4346, 0.3758** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.2803, 0.2350, 0.2740**, and the grayscale version is **26.1285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3238, 0.4087, 0.3679**, and **10.1121, 0.4766, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **22.7752, 0.4680, 0.3824**, and if you desaturate by 10%, it is **29.6450, 0.4040, 0.3674**.

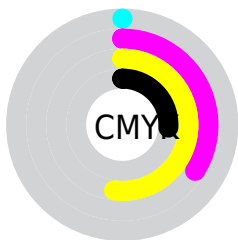
Distribution



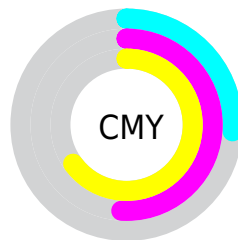
- Red (74%)
- Green (49%)
- Blue (35%)



- Red (74%)
- Yellow (56%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (52%)
- Black (26%)



- Cyan (26%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9723, 0.4346, 0.3758 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 25.9723, 0.4346, 0.3758 by changing the saturation by 10% instead.


 25.9723, 0.4346,
0.3758


 25.9723, 0.4346,
0.3758


282.6461, 0.3677,
0.3536


 16.8029, 0.4530,
0.3803


 53.2303, 0.4090,
0.3683


 10.0941, 0.4773,
0.3850


 72.0876, 0.3997,
0.3653


 5.4614, 0.5104,
0.3888

 94.9431, 0.3921,
0.3627

 2.5204, 0.5749,
0.4008

 122.1811, 0.3857,
0.3604

 0.8868, 0.6264,
0.3736

 154.1860, 0.3802,
0.3584

 0.0000, 1.0000,
0.0000

191.3422, 0.3755,

 0.0000, 0.0000,

0.3566

0.0000

234.0341, 0.3713,
0.3550

■ 25.9723, 0.4346,
0.3758

■ 25.9723, 0.4346,
0.3758

■ 22.7752, 0.4680,
0.3824

■ 29.6450, 0.4040,
0.3674

■ 20.0289, 0.5028,
0.3861

■ 33.8087, 0.3770,
0.3582

■ 17.7122, 0.5366,
0.3855

■ 38.4830, 0.3535,
0.3488

■ 15.8000, 0.5661,
0.3800

■ 43.6850, 0.3335,
0.3396

■ 14.5898, 0.5853,
0.3734

■ 49.4311, 0.3164,
0.3310

■ 55.7370, 0.3019,
0.3229

■ 62.6177, 0.2896,
0.3155

■ 70.0876, 0.2791,
0.3088

■ 77.8284, 0.2727,
0.3079

Harmonies

Analogous

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



25.9723, 0.4201, 0.3287



25.9723, 0.4346, 0.3758



25.9723, 0.4129, 0.4176

Triad

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



25.9723, 0.4346, 0.3758



25.9723, 0.2511, 0.3775



25.9723, 0.2544, 0.2348

Complementary

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



25.9723, 0.4346, 0.3758



29.2803, 0.2350, 0.2740

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.



25.9723, 0.2175, 0.2382



25.9723, 0.4346, 0.3758



25.9723, 0.2152, 0.3146

Square

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



25.9723, 0.4346, 0.3758



25.9723, 0.3056, 0.4273



25.9723, 0.2040, 0.2647



25.9723, 0.3103, 0.2518

Rectangle

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



25.9723, 0.4346, 0.3758



25.9723, 0.3830, 0.4359



25.9723, 0.2040, 0.2647



25.9723, 0.2397, 0.2335

Sweetspot

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



25.9736, 0.4346, 0.3758



74.5253, 0.3409, 0.3431



20.5294, 0.3606, 0.2416



15.6140, 0.3450, 0.3450



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.9736, 0.4346, 0.3758



39.9410, 0.4737, 0.3833



41.2447, 0.3984, 0.4361



10.0580, 0.3280, 0.3369



9.9480, 0.5830, 0.3753



0.5135, 0.5361, 0.4125

Inverse Universe

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



29.2803, 0.2350, 0.2740



46.3972, 0.2208, 0.2592



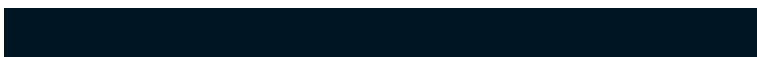
16.2587, 0.2185, 0.1909



10.2424, 0.2985, 0.3209



12.3273, 0.1928, 0.2139



0.6002, 0.2013, 0.2447

Previews

White Background



This preview shows how the Yxy color 25.9723, 0.4346, 0.3758 looks on a white background.

Color Contrast Check

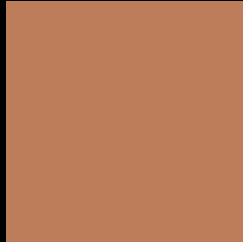
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9723, 0.4346, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

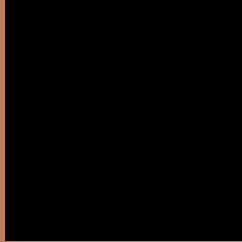
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9723, 0.4346, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 25.9723, 0.4346, 0.3758.



This preview shows how white text looks on a background with the Yxy color 25.9723, 0.4346, 0.3758.

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

25.9723, 0.4346, 0.3758

Protanopia

26.1800, 0.3715, 0.4011

Deuteranopia

26.1898, 0.4055, 0.3985



Tritanopia

25.9586, 0.3934, 0.3169

Trichromacy



Original Color

25.9723, 0.4346, 0.3758

Protanomaly

25.8577, 0.3941, 0.3910

Deuteranomaly

25.9166, 0.4158, 0.3891

Tritanomaly

25.9660, 0.4094, 0.3390

Monochromacy



Original Color

25.9723, 0.4346, 0.3758

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7244, 0.3539, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9723, 0.4346, 0.3758 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(189, 124, 90)` looks like.

```
.text, #text, p{  
    color:rgb(189, 124, 90)  
}
```

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(189, 124, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 124, 90) }
```

Border

The CSS property to change the border of an element to Yxy 25.9723, 0.4346, 0.3758 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(189, 124, 90) }
```

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

```
.border{ border-color:rgb(189, 124, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 124, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 124, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 124, 90);  
box-shadow:4px 4px 4px 4px rgb(189, 124,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9723, 0.4346, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 124, 90) }
```

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

```
.background{ background-color: rgb(189,  
124, 90) }
```

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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