

Converting Colors

$Y_{xy}(24.7901, 0.4092, 0.4198)$

Have a look what the booklet for
Yxy(24.7901, 0.4092, 0.4198)
contains.

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Color

Yxy(24.7566, 0.4089, 0.4191)

Conversions

Conversions Part 1

Format	Color
Hex	A0854B
RGB	160, 133, 75
RGB Percent	63%, 52%, 29%
CMY	0.3726, 0.4784, 0.7059
CMYK	0.00, 0.17, 0.53, 0.37
HSL	41°, 36%, 46%
HSV	41°, 53%, 63%
XYZ	24.1541, 24.7566, 10.1602
YIQ	134.4610, 34.7100, -12.3140

Conversions

Conversions Part 2

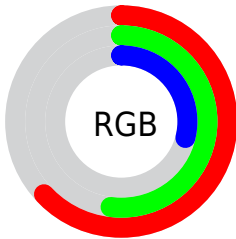
Format	Color
R_{YB}	115, 160, 75
Decimal	10519883
CIE _{Lab}	56.84, 2.75, 34.87
CIE _{LCh}	57, 34.976, 85.491
Yxy	24.7566, 0.4089, 0.4191
Android (android.graphics.Color)	4288709963 (0xFFA0854B)
YUV	134.4610, -29.3143, 22.3977
Hunter-Lab	49.7560, -0.4201, 22.7222

Details

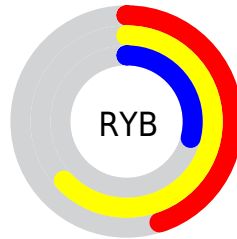
The Yxy color **24.7566, 0.4089, 0.4191** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **13.5329, 0.2234, 0.2160**, and the grayscale version is **24.1196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3502, 0.3899, 0.4015**, and **9.4887, 0.4387, 0.4465** is the 20% darker color. If you saturate the color by 10%, you get **23.2078, 0.4290, 0.4329**, and if you desaturate by 10%, it is **26.4301, 0.3887, 0.4031**.

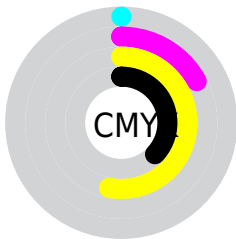
Distribution



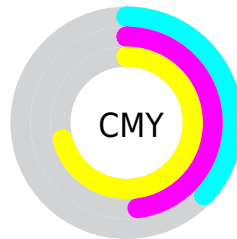
- Red (63%)
- Green (52%)
- Blue (29%)



- Red (45%)
- Yellow (63%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (53%)
- Black (37%)



- Cyan (37%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7566, 0.4089, 0.4191 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 24.7566, 0.4089, 0.4191 by changing the saturation by 10% instead.


 24.7566, 0.4089,
0.4191


 24.7566, 0.4089,
0.4191


276.6236, 0.3571,
0.3713


 15.8958, 0.4224,
0.4312


 51.2621, 0.3894,
0.4014


 9.4505, 0.4396,
0.4462


 69.6756, 0.3823,
0.3948


 5.0361, 0.4617,
0.4647

 92.0421, 0.3763,
0.3893

 2.2685, 0.5017,
0.4983

 118.7460, 0.3713,
0.3846

 0.7570, 0.5096,
0.4904

 150.1717, 0.3670,
0.3806

 0.0000, 0.0000,
0.0000

186.7036, 0.3632,

0.3771

228.7261, 0.3600,
0.3740

■ 24.7566, 0.4089,
0.4191

■ 24.7566, 0.4089,
0.4191

■ 23.2078, 0.4290,
0.4329

■ 26.4301, 0.3887,
0.4031

■ 21.7751, 0.4480,
0.4435

■ 28.2295, 0.3690,
0.3859

■ 20.4539, 0.4650,
0.4498

■ 30.1604, 0.3504,
0.3682

■ 19.2373, 0.4793,
0.4514

■ 32.2268, 0.3331,
0.3508

■ 18.4520, 0.4881,
0.4506

■ 34.4325, 0.3173,
0.3341

■ 36.7811, 0.3031,
0.3182

■ 39.2762, 0.2902,
0.3034

■ 41.9210, 0.2788,
0.2897

■ 44.7188, 0.2685,
0.2770

Harmonies

Analogous

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



24.7566, 0.4326, 0.3788



24.7566, 0.4089, 0.4191



24.7566, 0.3602, 0.4392

Triad

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



24.7566, 0.4089, 0.4191



24.7566, 0.2147, 0.3105



24.7566, 0.3150, 0.2547

Complementary

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



24.7566, 0.4089, 0.4191



13.5329, 0.2234, 0.2160

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.



24.7566, 0.2587, 0.2365



24.7566, 0.4089, 0.4191



24.7566, 0.2054, 0.2628

Square

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



24.7566, 0.4089, 0.4191



24.7566, 0.2485, 0.3722



24.7566, 0.2206, 0.2383



24.7566, 0.3762, 0.2886

Rectangle

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



24.7566, 0.4089, 0.4191



24.7566, 0.3211, 0.4331



24.7566, 0.2206, 0.2383



24.7566, 0.2948, 0.2466

Sweetspot

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



24.7578, 0.4089, 0.4191



57.2969, 0.3385, 0.3563



13.4901, 0.4104, 0.2842



12.4078, 0.3417, 0.3596



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.



24.7578, 0.4089, 0.4191



41.5754, 0.4331, 0.4355



31.7440, 0.3728, 0.4611



7.3648, 0.3268, 0.3442



14.4559, 0.4873, 0.4513



0.3308, 0.4547, 0.4771

Inverse Universe

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



13.5329, 0.2234, 0.2160



19.0179, 0.2031, 0.1849



9.7007, 0.2274, 0.1698



6.7619, 0.2988, 0.3133



3.8802, 0.1632, 0.1074



0.1408, 0.1845, 0.1841

Previews

White Background



This preview shows how the Yxy color 24.7566, 0.4089, 0.4191 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 24.7566, 0.4089, 0.4191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

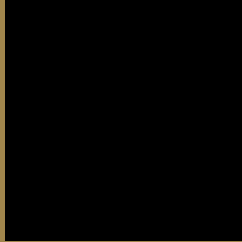
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7566, 0.4089, 0.4191

Background



This preview shows how black text looks on a background with the Yxy color 24.7566, 0.4089, 0.4191.



This preview shows how white text looks on a background with the Yxy color 24.7566, 0.4089, 0.4191.

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

24.7566, 0.4089, 0.4191

Protanopia

24.8972, 0.3925, 0.4280

Deuteranopia

24.7026, 0.4190, 0.4103



Tritanopia

24.6986, 0.3483, 0.3137

Trichromacy



Original Color

24.7566, 0.4089, 0.4191

Protanomaly

25.0001, 0.3981, 0.4247

Deuteranomaly

24.6469, 0.4145, 0.4131

Tritanomaly

24.7019, 0.3713, 0.3528

Monochromacy



Original Color

24.7566, 0.4089, 0.4191

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.0821, 0.3460, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7566, 0.4089, 0.4191 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, 133, 75)` looks like.

```
.text, #text, p{  
    color:rgb(160, 133, 75)  
}
```

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, 133, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 133, 75) }
```

Border

The CSS property to change the border of an element to Yxy 24.7566, 0.4089, 0.4191 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, 133, 75) }
```

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

```
.border{ border-color:rgb(160, 133, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 133, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 133, 75); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 133, 75); box-shadow:4px 4px 4px 4px rgb(160, 133, 75) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7566, 0.4089, 0.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 133, 75) }
```

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

```
.background{ background-color: rgb(160,  
133, 75) }
```

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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