

Converting Colors

$Yxy(24.3491, 0.3941, 0.3886)$

Have a look what the booklet for
Yxy(24.3491, 0.3941, 0.3886)
contains.

Yxy(24.3150, 0.3941, 0.3894)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.3150, 0.3941, 0.3894)

Conversions

Conversions Part 1

Format	Color
Hex	A1825C
RGB	161, 130, 92
RGB Percent	63%, 51%, 36%
CMY	0.3687, 0.4901, 0.6393
CMYK	0.00, 0.19, 0.43, 0.37
HSL	33°, 27%, 50%
HSV	33°, 43%, 63%
XYZ	24.6085, 24.3150, 13.5187
YIQ	134.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

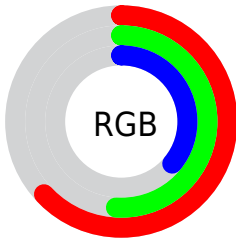
Format	Color
R_{YB}	148, 161, 92
Decimal	10584668
CIE _{Lab}	56.40, 6.60, 25.06
CIE _{LCh}	56, 25.911, 75.240
Yxy	24.3150, 0.3941, 0.3894
Android (android.graphics.Color)	4288774748 (0xFFA1825C)
YUV	134.9370, -21.1679, 22.8573
Hunter-Lab	49.3102, 2.7882, 18.2624

Details

The Yxy color **24.3150, 0.3941, 0.3894** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.0013, 0.2443, 0.2590**, and the grayscale version is **24.2750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6019, 0.3764, 0.3771**, and **9.2625, 0.4243, 0.4093** is the 20% darker color. If you saturate the color by 10%, you get **22.2086, 0.4180, 0.4027**, and if you desaturate by 10%, it is **26.6185, 0.3718, 0.3751**.

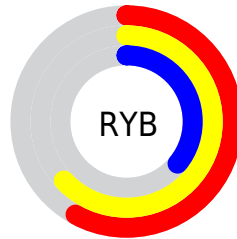
Distribution



Red (63%)

Green (51%)

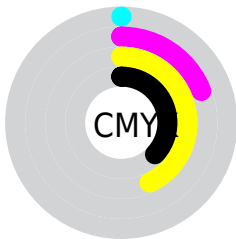
Blue (36%)



Red (58%)

Yellow (63%)

Blue (36%)

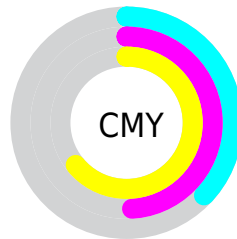


Cyan (0%)

Magenta (19%)

Yellow (43%)

Black (37%)



Cyan (37%)


Magenta (49%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3150, 0.3941, 0.3894 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 24.3150, 0.3941, 0.3894 by changing the saturation by 10% instead.

 24.3150, 0.3941,
0.3894


 24.3150, 0.3941,
0.3894


274.4092, 0.3492,
0.3572


 15.5675, 0.4066,
0.3978


 50.5437, 0.3768,
0.3773


 9.2186, 0.4234,
0.4086


 68.7937, 0.3706,
0.3729

 4.8840, 0.4468,
0.4226

 90.9800, 0.3654,
0.3692

 2.1794, 0.4973,
0.4556

 117.4869, 0.3611,
0.3661

 0.7087, 0.5408,
0.4592

148.6989, 0.3575,
0.3634

 0.0000, 0.0000,
0.0000

185.0003, 0.3543,

0.3610

226.7756, 0.3516,
0.3590

■ 24.3150, 0.3941,
0.3894

■ 24.3150, 0.3941,
0.3894

■ 22.2086, 0.4180,
0.4027

■ 26.6185, 0.3718,
0.3751

■ 20.2892, 0.4428,
0.4140

■ 29.1219, 0.3515,
0.3606

■ 18.5510, 0.4674,
0.4222

■ 31.8321, 0.3332,
0.3463

■ 16.9861, 0.4907,
0.4260

■ 34.7545, 0.3170,
0.3327

■ 15.5857, 0.5111,
0.4248

■ 37.8946, 0.3027,
0.3200

■ 14.6741, 0.5244,
0.4218

■ 41.2573, 0.2901,
0.3081

■ 44.8475, 0.2790,
0.2971

■ 48.6699, 0.2693,
0.2870

■ 52.7291, 0.2607,
0.2778

Harmonies

Analogous

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



24.3150, 0.4023, 0.3569



24.3150, 0.3941, 0.3894



24.3150, 0.3636, 0.4087

Triad

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



24.3150, 0.3941, 0.3894



24.3150, 0.2452, 0.3315



24.3150, 0.2995, 0.2654

Complementary

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



24.3150, 0.3941, 0.3894



19.0013, 0.2443, 0.2590

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.



24.3150, 0.2602, 0.2566



24.3150, 0.3941, 0.3894



24.3150, 0.2308, 0.2909

Square

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



24.3150, 0.3941, 0.3894



24.3150, 0.2775, 0.3753



24.3150, 0.2361, 0.2648



24.3150, 0.3454, 0.2883

Rectangle

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



24.3150, 0.3941, 0.3894



24.3150, 0.3356, 0.4092



24.3150, 0.2361, 0.2648



24.3150, 0.2852, 0.2607

Sweetspot

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



24.3161, 0.3941, 0.3894



56.8308, 0.3339, 0.3469



16.6580, 0.3710, 0.2797



12.2349, 0.3376, 0.3498



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.



24.3161, 0.3941, 0.3894



40.1111, 0.4158, 0.4016



33.4755, 0.3714, 0.4335



7.7028, 0.3272, 0.3414



11.8056, 0.5233, 0.4227



0.3407, 0.4768, 0.4596

Inverse Universe

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



19.0013, 0.2443, 0.2590



29.3756, 0.2297, 0.2409



12.6813, 0.2382, 0.2011



7.3589, 0.2987, 0.3163



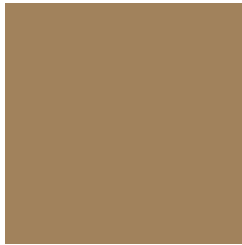
5.8629, 0.1735, 0.1444



0.2171, 0.1931, 0.2151

Previews

White Background



This preview shows how the Yxy color 24.3150, 0.3941, 0.3894 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 24.3150, 0.3941, 0.3894 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 24.3150, 0.3941, 0.3894

Background



This preview shows how black text looks on a background with the Yxy color 24.3150, 0.3941, 0.3894.



This preview shows how white text looks on a background with the Yxy color 24.3150, 0.3941, 0.3894.

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

24.3150, 0.3941, 0.3894

Protanopia

24.2471, 0.3703, 0.3984

Deuteranopia

24.4194, 0.3954, 0.3891



Tritanopia

24.3878, 0.3510, 0.3152

Trichromacy



Original Color

24.3150, 0.3941, 0.3894

Protanomaly

24.1447, 0.3787, 0.3954

Deuteranomaly

24.4194, 0.3954, 0.3891

Tritanomaly

24.4032, 0.3673, 0.3417

Monochromacy



Original Color

24.3150, 0.3941, 0.3894

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.0363, 0.3408, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3150, 0.3941, 0.3894 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(161, 130, 92)` looks like.

```
.text, #text, p{  
    color:rgb(161, 130, 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(161, 130, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 130, 92) }
```

Border

The CSS property to change the border of an element to Yxy 24.3150, 0.3941, 0.3894 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(161, 130, 92) }
```

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

```
.border{ border-color:rgb(161, 130, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 130, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 130, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 130, 92);  
box-shadow:4px 4px 4px 4px rgb(161, 130,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3150, 0.3941, 0.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 130, 92) }
```

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

```
.background{ background-color: rgb(161,  
130, 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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