

Converting Colors

$Y_{xy}(24.2340, 0.4108, 0.4269)$

Have a look what the booklet for
Yxy(24.2340, 0.4108, 0.4269)
contains.

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Color

Yxy(24.1128, 0.4110, 0.4260)

Conversions

Conversions Part 1

Format	Color
Hex	9D8446
RGB	157, 132, 70
RGB Percent	62%, 52%, 27%
CMY	0.3843, 0.4824, 0.7254
CMYK	0.00, 0.16, 0.55, 0.38
HSL	43°, 38%, 45%
HSV	43°, 55%, 62%
XYZ	23.2638, 24.1128, 9.2263
YIQ	132.4070, 34.8020, -13.9820

Conversions

Conversions Part 2

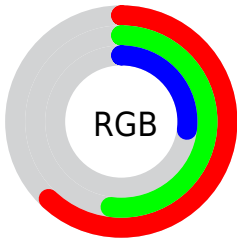
Format	Color
R_{YB}	105, 157, 70
Decimal	10323014
CIE _{Lab}	56.20, 1.55, 36.64
CIE _{LCh}	56, 36.671, 87.570
Yxy	24.1128, 0.4110, 0.4260
Android (android.graphics.Color)	4288513094 (0xFF9D8446)
YUV	132.4070, -30.7667, 21.5681
Hunter-Lab	49.1048, -1.3677, 23.2334

Details

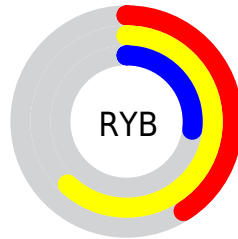
The Yxy color **24.1128, 0.4110, 0.4260** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.9291, 0.2185, 0.2051**, and the grayscale version is **23.3348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2001, 0.3908, 0.4071**, and **9.1280, 0.4412, 0.4561** is the 20% darker color. If you saturate the color by 10%, you get **22.7427, 0.4298, 0.4397**, and if you desaturate by 10%, it is **25.5901, 0.3916, 0.4098**.

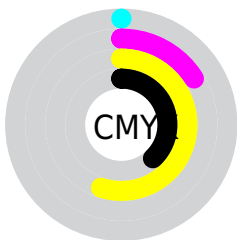
Distribution



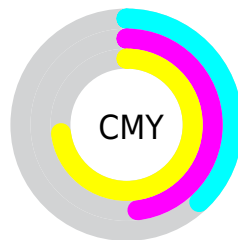
- Red (62%)
- Green (52%)
- Blue (27%)



- Red (41%)
- Yellow (62%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (55%)
- Black (38%)





- Cyan (38%)
- Magenta (48%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1128, 0.4110, 0.4260 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 24.1128, 0.4110, 0.4260 by changing the saturation by 10% instead.


 24.1128, 0.4110,
0.4260


 24.1128, 0.4110,
0.4260


273.3903, 0.3582,
0.3743


 15.4173, 0.4246,
0.4390


 50.2142, 0.3913,
0.4069


 9.1128, 0.4416,
0.4551


 68.3889, 0.3840,
0.3997


 4.8148, 0.4645,
0.4764

 90.4922, 0.3779,
0.3938

 2.1390, 0.4957,
0.5043

 116.9084, 0.3727,
0.3887

 0.6864, 0.5014,
0.4986

 148.0219, 0.3683,
0.3843

 0.0000, 0.0000,
0.0000

184.2171, 0.3645,

0.3806

225.8784, 0.3611,
0.3773

■ 24.1128, 0.4110,
0.4260

■ 24.1128, 0.4110,
0.4260

■ 22.7427, 0.4298,
0.4397

■ 25.5901, 0.3916,
0.4098

■ 21.4714, 0.4473,
0.4499

■ 27.1754, 0.3724,
0.3922

■ 20.2948, 0.4625,
0.4558

■ 28.8740, 0.3540,
0.3740

■ 19.2059, 0.4749,
0.4570

■ 30.6894, 0.3367,
0.3558

■ 18.7273, 0.4803,
0.4569

■ 32.6252, 0.3208,
0.3382

■ 34.6847, 0.3062,
0.3214

■ 36.8710, 0.2930,
0.3057

■ 39.1872, 0.2812,
0.2911

■ 41.6360, 0.2706,
0.2776

Harmonies

Analogous

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



24.1128, 0.4386, 0.3840



24.1128, 0.4110, 0.4260



24.1128, 0.3582, 0.4459

Triad

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



24.1128, 0.4110, 0.4260



24.1128, 0.2081, 0.3048



24.1128, 0.3195, 0.2529

Complementary

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



24.1128, 0.4110, 0.4260



11.9291, 0.2185, 0.2051

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.



24.1128, 0.2593, 0.2326



24.1128, 0.4110, 0.4260



24.1128, 0.2003, 0.2563

Square

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



24.1128, 0.4110, 0.4260



24.1128, 0.2416, 0.3702



24.1128, 0.2179, 0.2327



24.1128, 0.3839, 0.2892

Rectangle

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



24.1128, 0.4110, 0.4260



24.1128, 0.3168, 0.4379



24.1128, 0.2179, 0.2327



24.1128, 0.2980, 0.2441

Sweetspot

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



24.1139, 0.4110, 0.4260



54.3098, 0.3400, 0.3593



12.3995, 0.4222, 0.2874



11.8181, 0.3431, 0.3626



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.1139, 0.4110, 0.4260



40.2842, 0.4332, 0.4419



30.1026, 0.3716, 0.4677



7.3978, 0.3267, 0.3449



15.2729, 0.4797, 0.4573



0.3412, 0.4510, 0.4801

Inverse Universe

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



11.9291, 0.2185, 0.2051



16.3793, 0.1986, 0.1735



8.8648, 0.2265, 0.1639



6.7305, 0.2988, 0.3126



3.5673, 0.1612, 0.1002



0.1309, 0.1819, 0.1749

Previews

White Background



This preview shows how the Yxy color 24.1128, 0.4110, 0.4260 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 24.1128, 0.4110, 0.4260 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 24.1128, 0.4110, 0.4260

Background



This preview shows how black text looks on a background with the Yxy color 24.1128, 0.4110, 0.4260.



This preview shows how white text looks on a background with the Yxy color 24.1128, 0.4110, 0.4260.

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

24.1128, 0.4110, 0.4260

Protanopia

24.1724, 0.3976, 0.4330

Deuteranopia

24.1548, 0.4226, 0.4165



Tritanopia

24.1750, 0.3485, 0.3151

Trichromacy



Original Color

24.1128, 0.4110, 0.4260

Protanomaly

24.1805, 0.4021, 0.4300

Deuteranomaly

24.1016, 0.4180, 0.4194

Tritanomaly

24.1631, 0.3728, 0.3563

Monochromacy



Original Color

24.1128, 0.4110, 0.4260

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.2694, 0.3488, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1128, 0.4110, 0.4260 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(157, 132, 70)` looks like.

```
.text, #text, p{  
    color:rgb(157, 132, 70)  
}
```

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(157, 132, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 132, 70) }
```

Border

The CSS property to change the border of an element to Yxy 24.1128, 0.4110, 0.4260 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(157, 132, 70) }
```

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

```
.border{ border-color:rgb(157, 132, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 132, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 132, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 132, 70);  
box-shadow:4px 4px 4px 4px rgb(157, 132,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1128, 0.4110, 0.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 132, 70) }
```

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

```
.background{ background-color: rgb(157,  
132, 70) }
```

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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