

Converting Colors

$Yxy(24.4033, 0.4182, 0.5664)$

Have a look what the booklet for
Yxy(24.4033, 0.4182, 0.5664)
contains.

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Color

Yxy(24.6108, 0.3957, 0.5240)

Conversions

Conversions Part 1

Format	Color
Hex	7D9100
RGB	125, 145, 0
RGB Percent	49%, 57%, 0%
CMY	0.5097, 0.4314, 0.9999
CMYK	0.14, 0.00, 1.00, 0.43
HSL	68°, 100%, 28%
HSV	68°, 100%, 57%
XYZ	18.5849, 24.6108, 3.7715
YIQ	122.4900, 34.6250, -49.3350

Conversions

Conversions Part 2

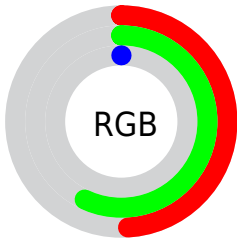
Format	Color
RYB	0, 145, 20
Decimal	8229120
CIELab	56.69, -23.13, 60.14
CIELCh	57, 64.434, 111.035
Yxy	24.6108, 0.3957, 0.5240
Android (android.graphics.Color)	4286419200 (0xFF7D9100)
YUV	122.4900, -60.3876, 2.2013
Hunter-Lab	49.6093, -19.9455, 30.2191

Details

The Yxy color **24.6108, 0.3957, 0.5240** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.1939, 0.1564, 0.0636**, and the grayscale version is **19.8272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1128, 0.3857, 0.4858**, and **9.5621, 0.3797, 0.5367** is the 20% darker color. If you saturate the color by 10%, you get **24.6115, 0.3957, 0.5240**, and if you desaturate by 10%, it is **24.7970, 0.3952, 0.5168**.

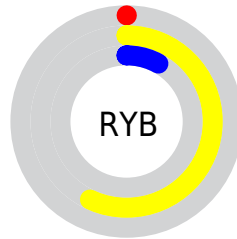
Distribution



Red (49%)

Green (57%)

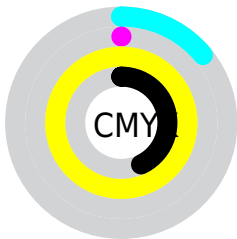
Blue (0%)



Red (0%)

Yellow (57%)

Blue (8%)

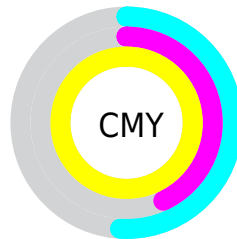


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (51%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6108, 0.3957, 0.5240 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 24.6108, 0.3957, 0.5240 by changing the saturation by 10% instead.


 24.6108, 0.3957,
0.5240


 24.6108, 0.3957,
0.5240


 275.8941, 0.3600,
0.4189


 15.7873, 0.3989,
0.5489


 51.0251, 0.3860,
0.4857


 9.3738, 0.4023,
0.5841


 69.3848, 0.3812,
0.4711


 4.9858, 0.3885,
0.6115

 91.6919, 0.3767,
0.4588

 2.2389, 0.3570,
0.6430

 118.3310, 0.3727,
0.4484


 0.7411, 0.1587,
0.8413


 149.6863, 0.3690,
0.4394


 0.0000, 0.0000,
0.0000


 186.1424, 0.3657,


0.4316

 228.0835, 0.3627,
0.4248


 24.6108, 0.3957,
0.5240

 24.6108, 0.3957,
0.5240

 24.6115, 0.3957,
0.5240

 24.7970, 0.3952,
0.5168

 25.0077, 0.3929,
0.5064

 25.2553, 0.3882,
0.4918

 25.5439, 0.3811,
0.4734

 25.8772, 0.3720,
0.4518

■ 26.2584, 0.3613,
0.4280

■ 26.6903, 0.3496,
0.4031

■ 27.1756, 0.3373,
0.3778

■ 27.7167, 0.3249,
0.3529

Harmonies

Analogous

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



24.6108, 0.4805, 0.4599



24.6108, 0.3957, 0.5240



24.6108, 0.2965, 0.5260

Triad

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



24.6108, 0.3957, 0.5240



24.6108, 0.1360, 0.2168



24.6108, 0.4110, 0.2483

Complementary

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



24.6108, 0.3957, 0.5240



2.1939, 0.1564, 0.0636

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.



24.6108, 0.2963, 0.1998



24.6108, 0.3957, 0.5240



24.6108, 0.1541, 0.1787

Square

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



24.6108, 0.3957, 0.5240



24.6108, 0.1515, 0.3020



24.6108, 0.2063, 0.1753



24.6108, 0.5030, 0.3125

Rectangle

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



24.6108, 0.3957, 0.5240



24.6108, 0.2337, 0.4704



24.6108, 0.2063, 0.1753



24.6108, 0.3723, 0.2299

Sweetspot

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



24.6119, 0.3957, 0.5240



47.7460, 0.3504, 0.4047



6.4978, 0.6258, 0.3413



10.5552, 0.3548, 0.4141



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.6119, 0.3957, 0.5240



44.0201, 0.3952, 0.5244



21.0126, 0.3218, 0.5827



6.2483, 0.3239, 0.3509



21.1187, 0.3958, 0.5239



0.2086, 0.4081, 0.5142

Inverse Universe

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



2.1939, 0.1564, 0.0636



3.8808, 0.1553, 0.0629



4.3124, 0.2323, 0.1053



5.2884, 0.3010, 0.3064



1.8882, 0.1568, 0.0637



0.0236, 0.1837, 0.0786

Previews

White Background



This preview shows how the Yxy color 24.6108, 0.3957, 0.5240 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 24.6108, 0.3957, 0.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

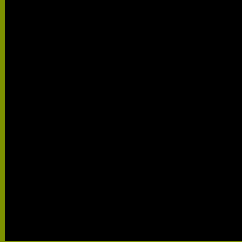
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6108, 0.3957, 0.5240

Background



This preview shows how black text looks on a background with the Yxy color 24.6108, 0.3957, 0.5240.



This preview shows how white text looks on a background with the Yxy color 24.6108, 0.3957, 0.5240.

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

24.6108, 0.3957, 0.5240

Protanopia

24.3806, 0.4400, 0.4889

Deuteranopia

24.4286, 0.4633, 0.4560



Tritanopia

24.6065, 0.3036, 0.3122

Trichromacy



Original Color

24.6108, 0.3957, 0.5240

Protanomaly

24.3049, 0.4242, 0.5014

Deuteranomaly

24.2354, 0.4388, 0.4816

Tritanomaly

24.1435, 0.3534, 0.4126

Monochromacy



Original Color

24.6108, 0.3957, 0.5240

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.7263, 0.3611, 0.4270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6108, 0.3957, 0.5240 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(125, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 145, 0)  
}
```

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(125, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 145, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.6108, 0.3957, 0.5240 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(125, 145, 0) }
```

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

```
.border{ border-color:rgb(125, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 145,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6108, 0.3957, 0.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 145, 0) }
```

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

```
.background{ background-color: rgb(125,  
145, 0) }
```

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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