

Converting Colors

$Y_{xy}(25.1742, 0.4324, 0.4920)$

Have a look what the booklet for
Yxy(25.1742, 0.4324, 0.4920)
contains.

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Color

Yxy(25.0577, 0.4325, 0.4920)

Conversions

Conversions Part 1

Format	Color
Hex	978B06
RGB	151, 139, 6
RGB Percent	59%, 55%, 2%
CMY	0.4079, 0.4549, 0.9768
CMYK	0.00, 0.08, 0.96, 0.41
HSL	55°, 92%, 31%
HSV	55°, 96%, 59%
XYZ	22.0273, 25.0577, 3.8452
YIQ	127.4260, 49.8450, -38.8190

Conversions

Conversions Part 2

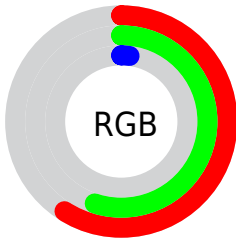
Format	Color
R_{YB}	19, 151, 6
Decimal	9931526
CIE _{Lab}	57.13, -8.10, 60.47
CIE _{LCh}	57, 61.012, 97.629
Yxy	25.0577, 0.4325, 0.4920
Android (android.graphics.Color)	4288121606 (0xFF978B06)
YUV	127.4260, -59.8630, 20.6744
Hunter-Lab	50.0577, -9.0539, 30.4859

Details

The Yxy color **25.0577, 0.4325, 0.4920** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.7021, 0.1543, 0.0710**, and the grayscale version is **21.5727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7225, 0.4146, 0.4630**, and **9.6316, 0.4318, 0.4953** is the 20% darker color. If you saturate the color by 10%, you get **24.9046, 0.4343, 0.4933**, and if you desaturate by 10%, it is **25.4637, 0.4272, 0.4876**.

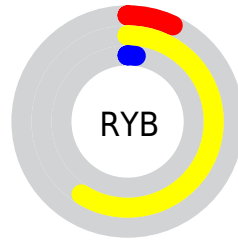
Distribution



Red (59%)

Green (55%)

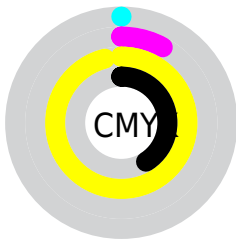
Blue (2%)



Red (7%)

Yellow (59%)

Blue (2%)

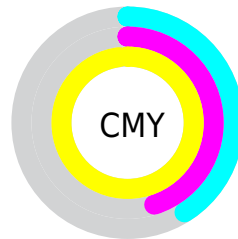


Cyan (0%)

Magenta (8%)

Yellow (96%)

Black (41%)



Cyan (41%)


Magenta (45%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0577, 0.4325, 0.4920 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 25.0577, 0.4325, 0.4920 by changing the saturation by 10% instead.


 25.0577, 0.4325,
0.4920


 25.0577, 0.4325,
0.4920


278.1252, 0.3755,
0.4090


 16.1200, 0.4421,
0.5092


 51.7508, 0.4143,
0.4634


 9.6091, 0.4541,
0.5322


 70.2751, 0.4066,
0.4520


 5.1406, 0.4540,
0.5460

 92.7636, 0.3997,
0.4422

 2.3300, 0.4437,
0.5563

 119.6009, 0.3936,
0.4337


 0.7895, 0.4118,
0.5882

 151.1713, 0.3883,
0.4263

 0.0000, 0.0000,
0.0000


 187.8592, 0.3835,


0.4198


 230.0491, 0.3793,
0.4141


 25.0577, 0.4325,
0.4920


 25.0577, 0.4325,
0.4920


 24.9046, 0.4343,
0.4933

 25.4637, 0.4272,
0.4876

 25.9052, 0.4195,
0.4791

 26.3899, 0.4092,
0.4665

 26.9221, 0.3968,
0.4502

 27.5055, 0.3827,
0.4310

■ 28.1436, 0.3676,
0.4097

■ 28.8395, 0.3521,
0.3873

■ 29.5959, 0.3366,
0.3646

■ 30.4155, 0.3215,
0.3422

Harmonies

Analogous

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



25.0577, 0.4985, 0.4237



25.0577, 0.4325, 0.4920



25.0577, 0.3417, 0.5243

Triad

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



25.0577, 0.4325, 0.4920



25.0577, 0.1463, 0.2536



25.0577, 0.3568, 0.2291

Complementary

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



25.0577, 0.4325, 0.4920



2.7021, 0.1543, 0.0710

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.



25.0577, 0.2550, 0.1919



25.0577, 0.4325, 0.4920



25.0577, 0.1494, 0.1977

Square

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



25.0577, 0.4325, 0.4920



25.0577, 0.1783, 0.3553



25.0577, 0.1847, 0.1801



25.0577, 0.4596, 0.2856

Rectangle

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



25.0577, 0.4325, 0.4920



25.0577, 0.2783, 0.5002



25.0577, 0.1847, 0.1801



25.0577, 0.3205, 0.2141

Sweetspot

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



25.0589, 0.4325, 0.4920



51.2016, 0.3575, 0.3952



6.7512, 0.6195, 0.3233



11.5263, 0.3637, 0.4041



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.0589, 0.4325, 0.4920



44.4737, 0.4346, 0.4931



24.3467, 0.3511, 0.5562



7.1355, 0.3262, 0.3492



21.2075, 0.4342, 0.4934



0.3393, 0.4269, 0.4992

Inverse Universe

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



2.7021, 0.1543, 0.0710



4.3789, 0.1514, 0.0651



3.5338, 0.1932, 0.0862



6.1043, 0.2988, 0.3079



2.1540, 0.1520, 0.0671



0.0513, 0.1612, 0.1002

Previews

White Background



This preview shows how the Yxy color 25.0577, 0.4325, 0.4920 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 25.0577, 0.4325, 0.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

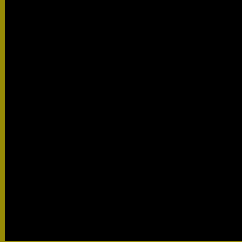
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0577, 0.4325, 0.4920

Background



This preview shows how black text looks on a background with the Yxy color 25.0577, 0.4325, 0.4920.



This preview shows how white text looks on a background with the Yxy color 25.0577, 0.4325, 0.4920.

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

25.0577, 0.4325, 0.4920

Protanopia

25.1543, 0.4389, 0.4879

Deuteranopia

24.8965, 0.4664, 0.4584



Tritanopia

24.9355, 0.3369, 0.3134

Trichromacy



Original Color

25.0577, 0.4325, 0.4920

Protanomaly

25.0579, 0.4375, 0.4885

Deuteranomaly

24.8061, 0.4548, 0.4704

Tritanomaly

24.5983, 0.3871, 0.3970

Monochromacy



Original Color

25.0577, 0.4325, 0.4920

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.0914, 0.3719, 0.4143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0577, 0.4325, 0.4920 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(151, 139, 6)` looks like.

```
.text, #text, p{  
    color:rgb(151, 139, 6)  
}
```

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(151, 139, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 139, 6) }
```

Border

The CSS property to change the border of an element to Yxy 25.0577, 0.4325, 0.4920 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(151, 139, 6) }
```

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

```
.border{ border-color:rgb(151, 139, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 139, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 139, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 139, 6);  
box-shadow:4px 4px 4px 4px rgb(151, 139,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0577, 0.4325, 0.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 139, 6) }
```

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

```
.background{ background-color: rgb(151,  
139, 6) }
```

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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