

Converting Colors

$Y_{xy}(24.4836, 0.4282, 0.4982)$

Have a look what the booklet for
Yxy(24.4836, 0.4282, 0.4982)
contains.

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Color

Yxy(24.5762, 0.4278, 0.4986)

Conversions

Conversions Part 1

Format	Color
Hex	928B00
RGB	146, 139, 0
RGB Percent	57%, 55%, 0%
CMY	0.4274, 0.4549, 1.0000
CMYK	0.00, 0.05, 1.00, 0.43
HSL	57°, 100%, 29%
HSV	57°, 100%, 57%
XYZ	21.0864, 24.5762, 3.6278
YIQ	125.2470, 48.7910, -41.7450

Conversions

Conversions Part 2

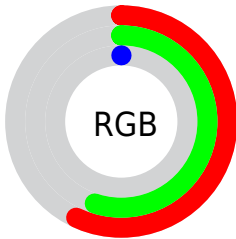
Format	Color
R_YB	7, 146, 0
Decimal	9603840
CIE Lab	56.66, -10.50, 60.92
CIE LCh	57, 61.819, 99.784
Yxy	24.5762, 0.4278, 0.4986
Android (android.graphics.Color)	4287793920 (0xFF928B00)
YUV	125.2470, -61.7468, 18.2004
Hunter-Lab	49.5744, -10.8303, 30.3633

Details

The Yxy color **24.5762, 0.4278, 0.4986** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.2273, 0.1511, 0.0639**, and the grayscale version is **20.7970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8255, 0.4107, 0.4686**, and **9.3689, 0.4229, 0.5024** is the 20% darker color. If you saturate the color by 10%, you get **24.5777, 0.4278, 0.4986**, and if you desaturate by 10%, it is **24.8144, 0.4238, 0.4944**.

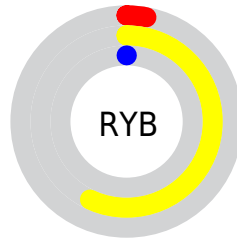
Distribution



Red (57%)

Green (55%)

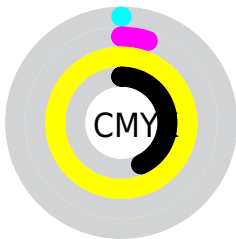
Blue (0%)



Red (3%)

Yellow (57%)

Blue (0%)

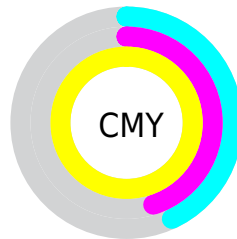


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (43%)



Cyan (43%)


Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5762, 0.4278, 0.4986 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 24.5762, 0.4278, 0.4986 by changing the saturation by 10% instead.


 24.5762, 0.4278,
0.4986


 24.5762, 0.4278,
0.4986


275.7208, 0.3737,
0.4114


 15.7616, 0.4363,
0.5170


 50.9689, 0.4109,
0.4683

 9.3556, 0.4477,
0.5430


 69.3157, 0.4035,
0.4563


 4.9739, 0.4434,
0.5566

 91.6087, 0.3970,
0.4460

 2.2319, 0.4296,
0.5704

 118.2324, 0.3912,
0.4371

 0.7373, 0.3760,
0.6240

 149.5710, 0.3860,
0.4294

 0.0000, 0.0000,
0.0000

 186.0090, 0.3814,

0.4226


 227.9308, 0.3774,
0.4167


 24.5762, 0.4278,
0.4986


 24.5762, 0.4278,
0.4986


 24.5777, 0.4278,
0.4986

 24.8144, 0.4238,
0.4944

 25.0754, 0.4180,
0.4872

 25.3720, 0.4097,
0.4758

 25.7085, 0.3990,
0.4605

 26.0885, 0.3863,
0.4419

■ 26.5153, 0.3723,
0.4209

■ 26.9918, 0.3574,
0.3983

■ 27.5207, 0.3422,
0.3750

■ 28.1045, 0.3272,
0.3517

Harmonies

Analogous

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



24.5762, 0.4978, 0.4297



24.5762, 0.4278, 0.4986



24.5762, 0.3346, 0.5279

Triad

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



24.5762, 0.4278, 0.4986



24.5762, 0.1429, 0.2463



24.5762, 0.3656, 0.2310

Complementary

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



24.5762, 0.4278, 0.4986



2.2273, 0.1511, 0.0639

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.



24.5762, 0.2604, 0.1918



24.5762, 0.4278, 0.4986



24.5762, 0.1485, 0.1931

Square

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



24.5762, 0.4278, 0.4986



24.5762, 0.1723, 0.3469



24.5762, 0.1866, 0.1778



24.5762, 0.4686, 0.2892

Rectangle

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



24.5762, 0.4278, 0.4986



24.5762, 0.2705, 0.4988



24.5762, 0.1866, 0.1778



24.5762, 0.3284, 0.2154

Sweetspot

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



24.5777, 0.4278, 0.4986



47.5609, 0.3583, 0.3997



6.1273, 0.6331, 0.3261



10.5085, 0.3640, 0.4083



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.



24.5777, 0.4278, 0.4986



43.2836, 0.4279, 0.4984



22.2773, 0.3449, 0.5644



6.6975, 0.3261, 0.3499



21.6370, 0.4277, 0.4986



0.2766, 0.4232, 0.5022

Inverse Universe

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



2.2273, 0.1511, 0.0639



3.8575, 0.1508, 0.0629



3.2233, 0.1948, 0.0847



5.6749, 0.2989, 0.3073



1.9696, 0.1512, 0.0642



0.0330, 0.1568, 0.0845

Previews

White Background



This preview shows how the Yxy color 24.5762, 0.4278, 0.4986 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 24.5762, 0.4278, 0.4986 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 24.5762, 0.4278, 0.4986

Background



This preview shows how black text looks on a background with the Yxy color 24.5762, 0.4278, 0.4986.



This preview shows how white text looks on a background with the Yxy color 24.5762, 0.4278, 0.4986.

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

24.5762, 0.4278, 0.4986

Protanopia

24.4783, 0.4411, 0.4879

Deuteranopia

24.5217, 0.4663, 0.4576



Tritanopia

24.5332, 0.3322, 0.3131

Trichromacy



Original Color

24.5762, 0.4278, 0.4986

Protanomaly

24.4706, 0.4363, 0.4918

Deuteranomaly

24.5906, 0.4528, 0.4725

Tritanomaly

24.1550, 0.3854, 0.4031

Monochromacy



Original Color

24.5762, 0.4278, 0.4986

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.5310, 0.3719, 0.4191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5762, 0.4278, 0.4986 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(146, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(146, 139, 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(146, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 139, 0) }
```

Border

The CSS property to change the border of an element to Yxy 24.5762, 0.4278, 0.4986 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(146, 139, 0) }
```

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

```
.border{ border-color:rgb(146, 139, 0) }
```

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

Here you see how a box with a 4 pixel rgb(146, 139, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(146, 139,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5762, 0.4278, 0.4986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 139, 0) }
```

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

```
.background{ background-color: rgb(146,  
139, 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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