

Converting Colors

$Y_{xy}(25.0576, 0.4287, 0.4944)$

Have a look what the booklet for
Yxy(25.0576, 0.4287, 0.4944)
contains.

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Color

Yxy(25.1611, 0.4287, 0.4945)

Conversions

Conversions Part 1

Format	Color
Hex	958C07
RGB	149, 140, 7
RGB Percent	58%, 55%, 3%
CMY	0.4156, 0.4510, 0.9725
CMYK	0.00, 0.06, 0.95, 0.42
HSL	56°, 91%, 31%
HSV	56°, 95%, 58%
XYZ	21.8131, 25.1611, 3.9077
YIQ	127.5290, 48.0570, -39.4550

Conversions

Conversions Part 2

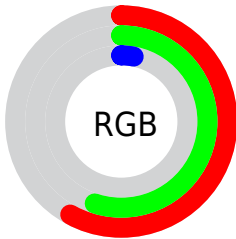
Format	Color
R_{YB}	17, 149, 7
Decimal	9800711
CIE Lab	57.23, -9.53, 60.29
CIE LCh	57, 61.040, 98.984
Yxy	25.1611, 0.4287, 0.4945
Android (android.graphics.Color)	4287990791 (0xFF958C07)
YUV	127.5290, -59.4208, 18.8301
Hunter-Lab	50.1608, -10.1585, 30.4937

Details

The Yxy color **25.1611, 0.4287, 0.4945** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.5868, 0.1543, 0.0701**, and the grayscale version is **21.6133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8732, 0.4121, 0.4650**, and **9.6920, 0.4264, 0.4996** is the 20% darker color. If you saturate the color by 10%, you get **25.0172, 0.4307, 0.4963**, and if you desaturate by 10%, it is **25.4822, 0.4238, 0.4896**.

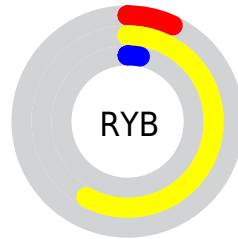
Distribution



Red (58%)

Green (55%)

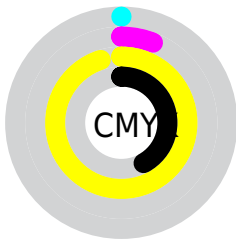
Blue (3%)



Red (7%)

Yellow (58%)

Blue (3%)

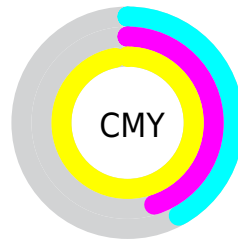


Cyan (0%)

Magenta (6%)

Yellow (95%)

Black (42%)



Cyan (42%)


Magenta (45%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1611, 0.4287, 0.4945 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 25.1611, 0.4287, 0.4945 by changing the saturation by 10% instead.

 25.1611, 0.4287,
0.4945


 25.1611, 0.4287,
0.4945


278.6393, 0.3738,
0.4097


 16.1971, 0.4377,
0.5124


 51.9185, 0.4113,
0.4651


 9.6637, 0.4487,
0.5362


 70.4806, 0.4038,
0.4534

 5.1766, 0.4481,
0.5519

 93.0110, 0.3972,
0.4434

 2.3512, 0.4360,
0.5640

 119.8939, 0.3914,
0.4347


 0.8006, 0.3975,
0.6025


 151.5138, 0.3862,
0.4272


 0.0000, 0.0000,
0.0000

 188.2551, 0.3816,


0.4206


 230.5021, 0.3775,
0.4149


 25.1611, 0.4287,
0.4945

 25.1611, 0.4287,
0.4945


 25.0172, 0.4307,
0.4963

 25.4822, 0.4238,
0.4896

 25.8371, 0.4164,
0.4806

 26.2325, 0.4064,
0.4675

 26.6727, 0.3944,
0.4507

 27.1612, 0.3807,
0.4311

■ 27.7012, 0.3659,
0.4094

■ 28.2958, 0.3506,
0.3866

■ 28.9476, 0.3353,
0.3635

■ 29.6592, 0.3203,
0.3407

Harmonies

Analogous

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



25.1611, 0.4962, 0.4270



25.1611, 0.4287, 0.4945



25.1611, 0.3374, 0.5239

Triad

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



25.1611, 0.4287, 0.4945



25.1611, 0.1458, 0.2501



25.1611, 0.3617, 0.2313

Complementary

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



25.1611, 0.4287, 0.4945



2.5868, 0.1543, 0.0701

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.



25.1611, 0.2591, 0.1932



25.1611, 0.4287, 0.4945



25.1611, 0.1504, 0.1963

Square

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



25.1611, 0.4287, 0.4945



25.1611, 0.1761, 0.3499



25.1611, 0.1872, 0.1801



25.1611, 0.4633, 0.2885

Rectangle

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



25.1611, 0.4287, 0.4945



25.1611, 0.2742, 0.4968



25.1611, 0.1872, 0.1801



25.1611, 0.3254, 0.2161

Sweetspot

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



25.1623, 0.4287, 0.4945



50.1935, 0.3572, 0.3964



6.5819, 0.6202, 0.3247



11.0335, 0.3631, 0.4052



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.1623, 0.4287, 0.4945



44.6923, 0.4309, 0.4961



23.5646, 0.3490, 0.5571



6.6823, 0.3261, 0.3495



21.0669, 0.4306, 0.4963



0.2732, 0.4245, 0.5012

Inverse Universe

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



2.5868, 0.1543, 0.0701



4.1565, 0.1511, 0.0637



3.5710, 0.1971, 0.0888



5.6886, 0.2989, 0.3076



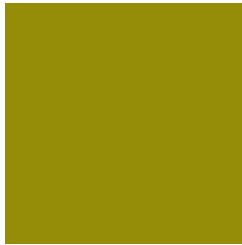
2.0161, 0.1516, 0.0656



0.0364, 0.1589, 0.0920

Previews

White Background



This preview shows how the Yxy color 25.1611, 0.4287, 0.4945 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 25.1611, 0.4287, 0.4945 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 25.1611, 0.4287, 0.4945

Background



This preview shows how black text looks on a background with the Yxy color 25.1611, 0.4287, 0.4945.

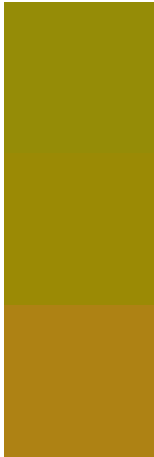


This preview shows how white text looks on a background with the Yxy color 25.1611, 0.4287, 0.4945.

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

25.1611, 0.4287, 0.4945

Protanopia

25.1565, 0.4387, 0.4876

Deuteranopia

25.0144, 0.4672, 0.4571



Tritanopia

25.1278, 0.3344, 0.3133

Trichromacy



Original Color

25.1611, 0.4287, 0.4945

Protanomaly

25.2507, 0.4348, 0.4901

Deuteranomaly

25.0840, 0.4532, 0.4712

Tritanomaly

24.7915, 0.3841, 0.3972

Monochromacy



Original Color

25.1611, 0.4287, 0.4945

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.3769, 0.3702, 0.4141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1611, 0.4287, 0.4945 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(149, 140, 7)` looks like.

```
.text, #text, p{  
    color:rgb(149, 140, 7)  
}
```

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(149, 140, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 140, 7) }
```

Border

The CSS property to change the border of an element to Yxy 25.1611, 0.4287, 0.4945 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(149, 140, 7) }
```

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

```
.border{ border-color:rgb(149, 140, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 140, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 140, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 140, 7);  
box-shadow:4px 4px 4px 4px rgb(149, 140,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1611, 0.4287, 0.4945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 140, 7) }
```

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

```
.background{ background-color: rgb(149,  
140, 7) }
```

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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