

Converting Colors

$Y_{xy}(25.9610, 0.4022, 0.4853)$

Have a look what the booklet for
Yxy(25.9610, 0.4022, 0.4853)
contains.

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Color

Yxy(25.7693, 0.4024, 0.4855)

Conversions

Conversions Part 1

Format	Color
Hex	8D9029
RGB	141, 144, 41
RGB Percent	55%, 56%, 16%
CMY	0.4471, 0.4353, 0.8390
CMYK	0.02, 0.00, 0.71, 0.44
HSL	62°, 56%, 36%
HSV	62°, 71%, 56%
XYZ	21.3585, 25.7693, 5.9500
YIQ	131.3610, 31.2750, -32.6690

Conversions

Conversions Part 2

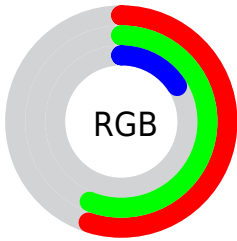
Format	Color
R_YB	41, 144, 44
Decimal	9277481
CIE Lab	57.82, -14.20, 51.38
CIE LCh	58, 53.301, 105.447
Yxy	25.7693, 0.4024, 0.4855
Android (android.graphics.Color)	4287467561 (0xFF8D9029)
YUV	131.3610, -44.5480, 8.4534
Hunter-Lab	50.7635, -13.7329, 28.5850

Details

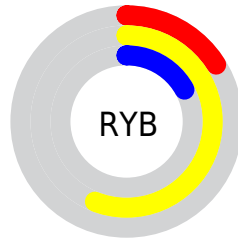
The Yxy color **25.7693, 0.4024, 0.4855** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.1394, 0.1816, 0.1094**, and the grayscale version is **22.9894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0488, 0.3881, 0.4555**, and **10.0316, 0.4072, 0.5149** is the 20% darker color. If you saturate the color by 10%, you get **25.6508, 0.4086, 0.4972**, and if you desaturate by 10%, it is **25.9271, 0.3938, 0.4698**.

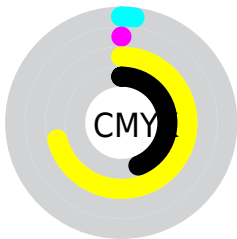
Distribution



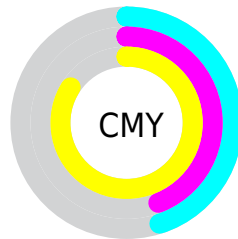
- Red (55%)
- Green (56%)
- Blue (16%)



- Red (16%)
- Yellow (56%)
- Blue (17%)



- Cyan (2%)
- Magenta (0%)
- Yellow (71%)
- Black (44%)




- Cyan (45%)
- Magenta (44%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7693, 0.4024, 0.4855 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 25.7693, 0.4024, 0.4855 by changing the saturation by 10% instead.


 25.7693, 0.4024,
0.4855


 25.7693, 0.4024,
0.4855


281.6477, 0.3591,
0.4015


 16.6511, 0.4104,
0.5061


 52.9025, 0.3881,
0.4546


 9.9861, 0.4176,
0.5310


 71.6864, 0.3822,
0.4430

 5.3897, 0.4292,
0.5708

 94.4609, 0.3770,
0.4332

 2.4777, 0.4114,
0.5886

 121.6106, 0.3725,
0.4249

 0.8654, 0.3548,
0.6452

 153.5197, 0.3685,
0.4178

 0.0000, 0.0000,
0.0000

 190.5726, 0.3650,

0.4117

233.1539, 0.3619,
0.4063

■ 25.7693, 0.4024,
0.4855

■ 25.7693, 0.4024,
0.4855

■ 25.6508, 0.4086,
0.4972

■ 25.9271, 0.3938,
0.4698

■ 25.5638, 0.4124,
0.5048

■ 26.1243, 0.3830,
0.4507

■ 25.5057, 0.4144,
0.5092

■ 26.3652, 0.3706,
0.4289

■ 26.6527, 0.3571,
0.4053

■ 26.9893, 0.3430,
0.3809

■ 27.3776, 0.3287,
0.3564

■ 27.8198, 0.3148,
0.3325

■ 28.3180, 0.3014,
0.3096

■ 28.8742, 0.2887,
0.2882

Harmonies

Analogous

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



25.7693, 0.4667, 0.4339



25.7693, 0.4024, 0.4855



25.7693, 0.3194, 0.4920

Triad

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



25.7693, 0.4024, 0.4855



25.7693, 0.1618, 0.2477



25.7693, 0.3765, 0.2524

Complementary

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



25.7693, 0.4024, 0.4855



4.1394, 0.1816, 0.1094

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.



25.7693, 0.2842, 0.2132



25.7693, 0.4024, 0.4855



25.7693, 0.1720, 0.2059

Square

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



25.7693, 0.4024, 0.4855



25.7693, 0.1834, 0.3273



25.7693, 0.2127, 0.1963



25.7693, 0.4578, 0.3074

Rectangle

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



25.7693, 0.4024, 0.4855



25.7693, 0.2640, 0.4561



25.7693, 0.2127, 0.1963



25.7693, 0.3450, 0.2372

Sweetspot

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



25.7705, 0.4024, 0.4855



47.6049, 0.3429, 0.3807



7.8005, 0.5430, 0.3320



10.8815, 0.3464, 0.3868



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.



25.7705, 0.4024, 0.4855



45.1377, 0.4113, 0.5025



22.3223, 0.3441, 0.5236



6.2775, 0.3255, 0.3508



22.2117, 0.4144, 0.5092



0.2140, 0.4170, 0.5071

Inverse Universe

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



4.1394, 0.1816, 0.1094



4.5802, 0.1600, 0.0747



5.9953, 0.2409, 0.1380



5.2620, 0.2994, 0.3063



1.7789, 0.1513, 0.0607



0.0182, 0.1576, 0.0642

Previews

White Background



This preview shows how the Yxy color 25.7693, 0.4024, 0.4855 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 25.7693, 0.4024, 0.4855 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 25.7693, 0.4024, 0.4855

Background



This preview shows how black text looks on a background with the Yxy color 25.7693, 0.4024, 0.4855.



This preview shows how white text looks on a background with the Yxy color 25.7693, 0.4024, 0.4855.

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

25.7693, 0.4024, 0.4855

Protanopia

25.6864, 0.4261, 0.4692

Deuteranopia

25.6985, 0.4512, 0.4426



Tritanopia

25.5786, 0.3191, 0.3114

Trichromacy



Original Color

25.7693, 0.4024, 0.4855

Protanomaly

25.7823, 0.4180, 0.4753

Deuteranomaly

25.4716, 0.4341, 0.4577

Tritanomaly

25.4415, 0.3560, 0.3810

Monochromacy



Original Color

25.7693, 0.4024, 0.4855

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6411, 0.3520, 0.3963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7693, 0.4024, 0.4855 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(141, 144, 41)` looks like.

```
.text, #text, p{  
    color:rgb(141, 144, 41)  
}
```

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(141, 144, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 144, 41) }
```

Border

The CSS property to change the border of an element to Yxy 25.7693, 0.4024, 0.4855 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(141, 144, 41) }
```

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

```
.border{ border-color:rgb(141, 144, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 144, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 144, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 144, 41);  
box-shadow:4px 4px 4px 4px rgb(141, 144,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7693, 0.4024, 0.4855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 144, 41) }
```

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

```
.background{ background-color: rgb(141,  
144, 41) }
```

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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