

Converting Colors

$Y_{xy}(26.2059, 0.4074, 0.4910)$

Have a look what the booklet for
Yxy(26.2059, 0.4074, 0.4910)
contains.

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Color

Yxy(26.2059, 0.4074, 0.4910)

Conversions

Conversions Part 1

Format	Color
Hex	8F9122
RGB	143, 145, 34
RGB Percent	56%, 57%, 13%
CMY	0.4391, 0.4314, 0.8668
CMYK	0.01, 0.00, 0.77, 0.43
HSL	61°, 62%, 35%
HSV	61°, 77%, 57%
XYZ	21.7440, 26.2059, 5.4226
YIQ	131.7480, 34.4390, -34.9450

Conversions

Conversions Part 2

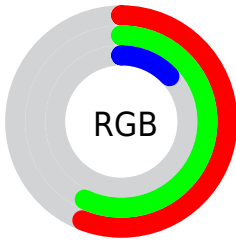
Format	Color
R _Y B	34, 145, 36
Decimal	9408802
CIE Lab	58.23, -14.17, 54.40
CIE LCh	58, 56.217, 104.595
Yxy	26.2059, 0.4074, 0.4910
Android (android.graphics.Color)	4287598882 (0xFF8F9122)
YUV	131.7480, -48.1898, 9.8680
Hunter-Lab	51.1917, -13.7666, 29.5537

Details

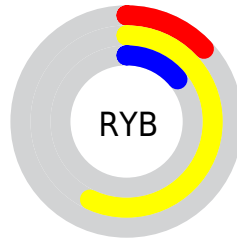
The Yxy color **26.2059, 0.4074, 0.4910** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3.5604, 0.1727, 0.0960**, and the grayscale version is **23.1467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8308, 0.3931, 0.4600**, and **10.3083, 0.4090, 0.5134** is the 20% darker color. If you saturate the color by 10%, you get **26.1174, 0.4126, 0.5004**, and if you desaturate by 10%, it is **26.3322, 0.3998, 0.4775**.

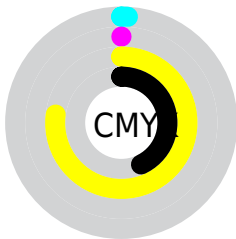
Distribution



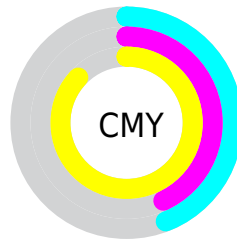
- Red (56%)
- Green (57%)
- Blue (13%)



- Red (13%)
- Yellow (57%)
- Blue (14%)



- Cyan (1%)
- Magenta (0%)
- Yellow (77%)
- Black (43%)





- Cyan (44%)
- Magenta (43%)
- Yellow (87%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2059, 0.4074, 0.4910 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 26.2059, 0.4074, 0.4910 by changing the saturation by 10% instead.


 26.2059, 0.4074,
0.4910


 26.2059, 0.4074,
0.4910


 283.7914, 0.3624,
0.4051


 16.9777, 0.4152,
0.5114


 53.6069, 0.3929,
0.4598


 10.2186, 0.4221,
0.5357


 72.5486, 0.3867,
0.4479


 5.5442, 0.4299,
0.5701

 95.4969, 0.3813,
0.4379

 2.5699, 0.4125,
0.5875

 122.8362, 0.3766,
0.4294

 0.9116, 0.3634,
0.6366

 154.9509, 0.3723,
0.4220

 0.0000, 0.0000,
0.0000

 192.2254, 0.3686,

0.4156

235.0441, 0.3653,
0.4100

■ 26.2059, 0.4074,
0.4910

■ 26.2059, 0.4074,
0.4910

■ 26.1174, 0.4126,
0.5004

■ 26.3322, 0.3998,
0.4775

■ 26.0567, 0.4155,
0.5060

■ 26.4966, 0.3898,
0.4603

■ 26.0379, 0.4163,
0.5077

■ 26.7037, 0.3780,
0.4399

■ 26.9566, 0.3648,
0.4173

■ 27.2581, 0.3507,
0.3933

■ 27.6108, 0.3363,
0.3688

■ 28.0170, 0.3219,
0.3445

■ 28.4790, 0.3080,
0.3211

■ 28.9988, 0.2948,
0.2988

Harmonies

Analogous

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



26.2059, 0.4742, 0.4351



26.2059, 0.4074, 0.4910



26.2059, 0.3212, 0.5016

Triad

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



26.2059, 0.4074, 0.4910



26.2059, 0.1562, 0.2454



26.2059, 0.3766, 0.2478

Complementary

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



26.2059, 0.4074, 0.4910



3.5604, 0.1727, 0.0960

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.



26.2059, 0.2801, 0.2079



26.2059, 0.4074, 0.4910



26.2059, 0.1659, 0.2015

Square

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



26.2059, 0.4074, 0.4910



26.2059, 0.1790, 0.3295



26.2059, 0.2068, 0.1911



26.2059, 0.4630, 0.3041

Rectangle

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



26.2059, 0.4074, 0.4910



26.2059, 0.2635, 0.4656



26.2059, 0.2068, 0.1911



26.2059, 0.3434, 0.2322

Sweetspot

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



26.2071, 0.4074, 0.4910



49.0019, 0.3463, 0.3857



7.3856, 0.5659, 0.3320



10.8576, 0.3509, 0.3937



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.



26.2071, 0.4074, 0.4910



46.6908, 0.4148, 0.5047



22.4225, 0.3437, 0.5351



6.2806, 0.3256, 0.3508



22.3353, 0.4163, 0.5076



0.2146, 0.4179, 0.5064

Inverse Universe

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



3.5604, 0.1727, 0.0960



4.1359, 0.1545, 0.0667



5.4275, 0.2345, 0.1269



5.2593, 0.2992, 0.3063



1.7690, 0.1508, 0.0604



0.0176, 0.1546, 0.0626

Previews

White Background



This preview shows how the Yxy color 26.2059, 0.4074, 0.4910 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 26.2059, 0.4074, 0.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

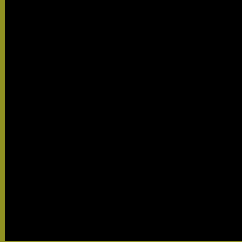
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2059, 0.4074, 0.4910

Background



This preview shows how black text looks on a background with the Yxy color 26.2059, 0.4074, 0.4910.



This preview shows how white text looks on a background with the Yxy color 26.2059, 0.4074, 0.4910.

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

26.2059, 0.4074, 0.4910

Protanopia

26.0341, 0.4298, 0.4750

Deuteranopia

26.1584, 0.4561, 0.4473



Tritanopia

26.0787, 0.3202, 0.3116

Trichromacy



Original Color

26.2059, 0.4074, 0.4910

Protanomaly

26.1312, 0.4216, 0.4812

Deuteranomaly

25.9238, 0.4388, 0.4623

Tritanomaly

25.8747, 0.3601, 0.3854

Monochromacy



Original Color

26.2059, 0.4074, 0.4910

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.9701, 0.3550, 0.4011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2059, 0.4074, 0.4910 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(143, 145, 34)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 34)  
}
```

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(143, 145, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 34) }
```

Border

The CSS property to change the border of an element to Yxy 26.2059, 0.4074, 0.4910 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(143, 145, 34) }
```

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

```
.border{ border-color:rgb(143, 145, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 145, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 34);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2059, 0.4074, 0.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 34) }
```

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

```
.background{ background-color: rgb(143,  
145, 34) }
```

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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