

Converting Colors

$Y_{xy}(26.2769, 0.3665, 0.4288)$

Have a look what the booklet for
Yxy(26.2769, 0.3665, 0.4288)
contains.

Yxy(26.1778, 0.3672, 0.4286)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1778, 0.3672, 0.4286)

Conversions

Conversions Part 1

Format	Color
Hex	8C9055
RGB	140, 144, 85
RGB Percent	55%, 56%, 33%
CMY	0.4510, 0.4353, 0.6665
CMYK	0.03, 0.00, 0.41, 0.44
HSL	64°, 26%, 45%
HSV	64°, 41%, 56%
XYZ	22.4276, 26.1778, 12.4720
YIQ	136.0780, 16.5550, -19.1970

Conversions

Conversions Part 2

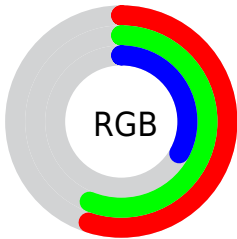
Format	Color
RYB	85, 144, 89
Decimal	9211989
CIELab	58.21, -10.88, 30.81
CIELCh	58, 32.674, 109.449
Yxy	26.1778, 0.3672, 0.4286
Android (android.graphics.Color)	4287402069 (0xFF8C9055)
YUV	136.0780, -25.1815, 3.4396
Hunter-Lab	51.1642, -11.2927, 21.3622

Details

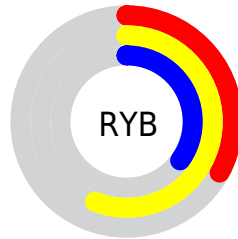
The Yxy color $26.1778, 0.3672, 0.4286$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $10.6428, 0.2441, 0.2093$, and the grayscale version is $24.7437, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.7678, 0.3569, 0.4070$, and $10.2692, 0.3832, 0.4644$ is the 20% darker color. If you saturate the color by 10%, you get $25.8880, 0.3790, 0.4511$, and if you desaturate by 10%, it is $26.5174, 0.3543, 0.4045$.

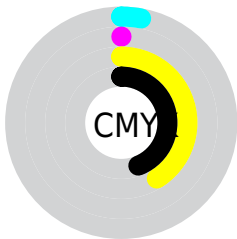
Distribution



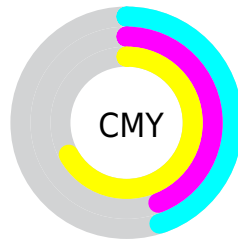
- Red (55%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)





- Cyan (45%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1778, 0.3672, 0.4286 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 26.1778, 0.3672, 0.4286 by changing the saturation by 10% instead.


 26.1778, 0.3672,
0.4286


 26.1778, 0.3672,
0.4286


283.6538, 0.3388,
0.3734


 16.9567, 0.3742,
0.4441


 53.5616, 0.3568,
0.4073

 10.2036, 0.3828,
0.4647


 72.4932, 0.3529,
0.3996


 5.5342, 0.3931,
0.4933

 95.4303, 0.3496,
0.3933

 2.5640, 0.4264,
0.5647

 122.7574, 0.3468,
0.3881

 0.9086, 0.3968,
0.6032

 154.8590, 0.3444,
0.3836

 0.0000, 0.0000,
0.0000

192.1193, 0.3423,

0.3797

234.9227, 0.3404,
0.3764

■ 26.1778, 0.3672,
0.4286

■ 26.1778, 0.3672,
0.4286

■ 25.8880, 0.3790,
0.4511

■ 26.5174, 0.3543,
0.4045

■ 25.6414, 0.3891,
0.4711

■ 26.9057, 0.3409,
0.3798

■ 25.4362, 0.3972,
0.4878

■ 27.3464, 0.3273,
0.3551

■ 25.2688, 0.4030,
0.5006

■ 27.8418, 0.3140,
0.3312

■ 25.1350, 0.4062,
0.5092

■ 28.3939, 0.3012,
0.3085

■ 25.0324, 0.4077,
0.5145

■ 29.0047, 0.2891,
0.2871

■ 29.6762, 0.2778,
0.2674

■ 30.4102, 0.2674,
0.2493

■ 31.2085, 0.2578,
0.2329

Harmonies

Analogous

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



26.1778, 0.4081, 0.4061



26.1778, 0.3672, 0.4286



26.1778, 0.3137, 0.4206

Triad

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



26.1778, 0.3672, 0.4286



26.1778, 0.2132, 0.2757



26.1778, 0.3603, 0.2845

Complementary

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



26.1778, 0.3672, 0.4286



10.6428, 0.2441, 0.2093

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.



26.1778, 0.3038, 0.2554



26.1778, 0.3672, 0.4286



26.1778, 0.2228, 0.2481

Square

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



26.1778, 0.3672, 0.4286



26.1778, 0.2268, 0.3234



26.1778, 0.2544, 0.2421



26.1778, 0.4058, 0.3240

Rectangle

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



26.1778, 0.3672, 0.4286



26.1778, 0.2785, 0.3961



26.1778, 0.2544, 0.2421



26.1778, 0.3417, 0.2733

Sweetspot

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



26.1790, 0.3672, 0.4286



48.1227, 0.3290, 0.3583



13.7254, 0.4096, 0.3363



11.0147, 0.3306, 0.3611



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.



26.1790, 0.3672, 0.4286



45.7016, 0.3779, 0.4491



23.9575, 0.3334, 0.4408



6.2670, 0.3249, 0.3508



21.8010, 0.4078, 0.5144



0.2121, 0.4139, 0.5095

Inverse Universe

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



10.6428, 0.2441, 0.2093



14.5000, 0.2259, 0.1785



12.3995, 0.2816, 0.2208



5.2715, 0.3000, 0.3064



1.8129, 0.1530, 0.0617



0.0201, 0.1673, 0.0695

Previews

White Background



This preview shows how the Yxy color 26.1778, 0.3672, 0.4286 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 26.1778, 0.3672, 0.4286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

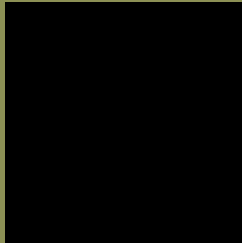
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1778, 0.3672, 0.4286

Background



This preview shows how black text looks on a background with the Yxy color 26.1778, 0.3672, 0.4286.



This preview shows how white text looks on a background with the Yxy color 26.1778, 0.3672, 0.4286.

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

26.1778, 0.3672, 0.4286

Protanopia

26.1530, 0.3871, 0.4205

Deuteranopia

26.1733, 0.4065, 0.3999



Tritanopia

26.2009, 0.3135, 0.3129

Trichromacy



Original Color

26.1778, 0.3672, 0.4286

Protanomaly

25.9857, 0.3795, 0.4226

Deuteranomaly

26.1179, 0.3915, 0.4112

Tritanomaly

26.1407, 0.3337, 0.3557

Monochromacy



Original Color

26.1778, 0.3672, 0.4286

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.0680, 0.3333, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1778, 0.3672, 0.4286 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(140, 144, 85)` looks like.

```
.text, #text, p{  
    color:rgb(140, 144, 85)  
}
```

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(140, 144, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 144, 85) }
```

Border

The CSS property to change the border of an element to Yxy 26.1778, 0.3672, 0.4286 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(140, 144, 85) }
```

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

```
.border{ border-color:rgb(140, 144, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 144, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 144, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 144, 85);  
box-shadow:4px 4px 4px 4px rgb(140, 144,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1778, 0.3672, 0.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 144, 85) }
```

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

```
.background{ background-color: rgb(140,  
144, 85) }
```

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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