

Converting Colors

$Y_{xy}(26.3391, 0.3019, 0.3405)$

Have a look what the booklet for
Yxy(26.3391, 0.3019, 0.3405)
contains.

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Color

Yxy(26.2647, 0.3018, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	7F9089
RGB	127, 144, 137
RGB Percent	50%, 56%, 54%
CMY	0.5018, 0.4353, 0.4627
CMYK	0.12, 0.00, 0.05, 0.44
HSL	155°, 7%, 53%
HSV	155°, 12%, 56%
XYZ	23.2454, 26.2647, 27.5125
YIQ	138.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

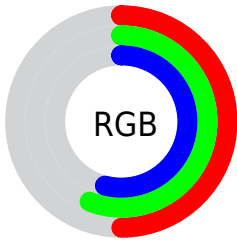
Format	Color
R_{YB}	127, 138, 144
Decimal	8360073
CIE _{Lab}	58.29, -7.52, 1.64
CIE _{LCh}	58, 7.699, 167.692
Yxy	26.2647, 0.3018, 0.3410
Android (android.graphics.Color)	4286550153 (0xFF7F9089)
YUV	138.1190, -0.5517, -9.7514
Hunter-Lab	51.2491, -8.7224, 4.0452

Details

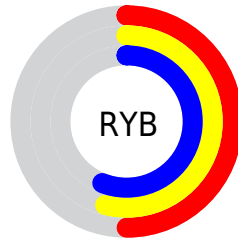
The Yxy color $26.2647, 0.3018, 0.3410$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.8396, 0.3251, 0.3173$, and the grayscale version is $25.4707, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8092, 0.3045, 0.3391$, and $10.3132, 0.2983, 0.3470$ is the 20% darker color. If you saturate the color by 10%, you get $25.0719, 0.2929, 0.3524$, and if you desaturate by 10%, it is $27.6271, 0.3111, 0.3307$.

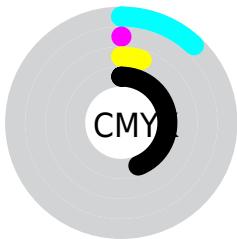
Distribution



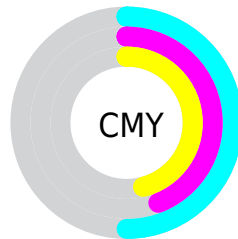
- Red (50%)
- Green (56%)
- Blue (54%)



- Red (50%)
- Yellow (54%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (44%)





- Cyan (50%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2647, 0.3018, 0.3410 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 26.2647, 0.3018, 0.3410 by changing the saturation by 10% instead.


 26.2647, 0.3018,
0.3410

 26.2647, 0.3018,
0.3410


284.0791, 0.3078,
0.3344


 17.0218, 0.3001,
0.3429


 53.7017, 0.3041,
0.3384

 10.2500, 0.2977,
0.3455


 72.6645, 0.3050,
0.3375

 5.5650, 0.2943,
0.3493

 95.6361, 0.3056,
0.3368

 2.5824, 0.2888,
0.3555

123.0008, 0.3062,
0.3361

 0.9179, 0.2764,
0.3685

155.1431, 0.3067,
0.3356

 0.0000, 0.0000,
0.0000

192.4473, 0.3071,

0.3351

235.2978, 0.3075,
0.3347

■ 26.2647, 0.3018,
0.3410

■ 26.2647, 0.3018,
0.3410

■ 25.0719, 0.2929,
0.3524

■ 27.6271, 0.3111,
0.3307

■ 24.0386, 0.2845,
0.3649

■ 29.1622, 0.3204,
0.3215

■ 23.1586, 0.2770,
0.3784

■ 30.8773, 0.3298,
0.3133

■ 22.4240, 0.2707,
0.3928

■ 32.7780, 0.3390,
0.3061

■ 21.8263, 0.2658,
0.4079

■ 34.8699, 0.3479,
0.2997

■ 21.3558, 0.2625,
0.4235

■ 37.1583, 0.3565,
0.2941

■ 21.0018, 0.2612,
0.4392

■ 39.6482, 0.3648,
0.2892

■ 20.7515, 0.2618,
0.4547

■ 42.3446, 0.3727,
0.2850

■ 20.5945, 0.2631,
0.4673

■ 44.9410, 0.3786,
0.2810

Harmonies

Analogous

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



26.2647, 0.3146, 0.3493



26.2647, 0.3018, 0.3410



26.2647, 0.2920, 0.3294

Triad

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



26.2647, 0.3018, 0.3410



26.2647, 0.2982, 0.3069



26.2647, 0.3384, 0.3393

Complementary

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



26.2647, 0.3018, 0.3410



22.8396, 0.3251, 0.3173

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.



26.2647, 0.3338, 0.3281



26.2647, 0.3018, 0.3410



26.2647, 0.3104, 0.3097

Square

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



26.2647, 0.3018, 0.3410



26.2647, 0.2899, 0.3098



26.2647, 0.3235, 0.3174



26.2647, 0.3359, 0.3480

Rectangle

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



26.2647, 0.3018, 0.3410



26.2647, 0.2884, 0.3215



26.2647, 0.3235, 0.3174



26.2647, 0.3376, 0.3357

Sweetspot

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



26.2658, 0.3018, 0.3410



48.1518, 0.3089, 0.3330



26.5547, 0.3189, 0.3580



11.0029, 0.3083, 0.3337



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.



26.2658, 0.3018, 0.3410



45.7749, 0.2995, 0.3438



26.0477, 0.2952, 0.3265



6.0792, 0.3042, 0.3382



17.9407, 0.2629, 0.4664



0.1759, 0.2442, 0.3989

Inverse Universe

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



22.8396, 0.3251, 0.3173



38.5643, 0.3281, 0.3147



23.0186, 0.3328, 0.3315



5.4586, 0.3221, 0.3200



5.4461, 0.5267, 0.2675



0.0563, 0.4269, 0.2125

Previews

White Background



This preview shows how the Yxy color 26.2647, 0.3018, 0.3410 looks on a white background.

Color Contrast Check

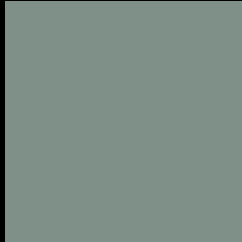
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2647, 0.3018, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

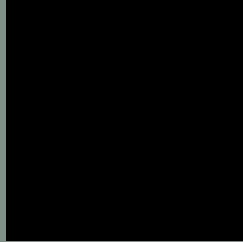
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

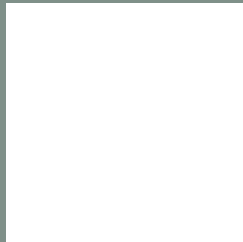
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2647, 0.3018, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 26.2647, 0.3018, 0.3410.



This preview shows how white text looks on a background with the Yxy color 26.2647, 0.3018, 0.3410.

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

26.2647, 0.3018, 0.3410

Protanopia

26.1158, 0.3234, 0.3373

Deuteranopia

26.0621, 0.3300, 0.3227



Tritanopia

26.3917, 0.2899, 0.3107

Trichromacy



Original Color

26.2647, 0.3018, 0.3410

Protanomaly

26.2023, 0.3155, 0.3391

Deuteranomaly

25.9412, 0.3193, 0.3290

Tritanomaly

26.4186, 0.2944, 0.3222

Monochromacy



Original Color

26.2647, 0.3018, 0.3410

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.6595, 0.3083, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2647, 0.3018, 0.3410 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(127, 144, 137)` looks like.

```
.text, #text, p{  
    color:rgb(127, 144, 137)  
}
```

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(127, 144, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 144, 137) }
```

Border

The CSS property to change the border of an element to Yxy 26.2647, 0.3018, 0.3410 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(127, 144, 137) }
```

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

```
.border{ border-color:rgb(127, 144, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 144, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 144, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 144, 137);  
box-shadow:4px 4px 4px 4px rgb(127, 144,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2647, 0.3018, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 144, 137) }
```

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

```
.background{ background-color: rgb(127,  
144, 137) }
```

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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