

Converting Colors

$Y_{xy}(26.5276, 0.2955, 0.3899)$

Have a look what the booklet for
Yxy(26.5276, 0.2955, 0.3899)
contains.

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Color

Yxy(26.3487, 0.2947, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	679777
RGB	103, 151, 119
RGB Percent	40%, 59%, 47%
CMY	0.5962, 0.4078, 0.5333
CMYK	0.32, 0.00, 0.21, 0.41
HSL	140°, 19%, 50%
HSV	140°, 32%, 59%
XYZ	19.9870, 26.3487, 21.4859
YIQ	133.0000, -18.3360, -20.1280

Conversions

Conversions Part 2

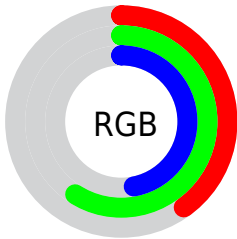
Format	Color
RYB	103, 139, 151
Decimal	6788983
CIELab	58.37, -23.21, 11.78
CIELCh	58, 26.033, 153.094
Yxy	26.3487, 0.2947, 0.3885
Android (android.graphics.Color)	4284979063 (0xFF679777)
YUV	133.0000, -6.9020, -26.3100
Hunter-Lab	51.3310, -20.3257, 11.1144

Details

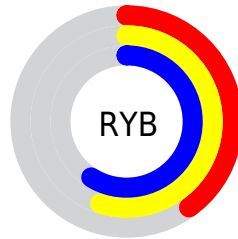
The Yxy color $26.3487, 0.2947, 0.3885$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.0224, 0.3370, 0.2763$, and the grayscale version is $23.4841, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5715, 0.2988, 0.3749$, and $10.3535, 0.2869, 0.4117$ is the 20% darker color. If you saturate the color by 10%, you get $25.3073, 0.2898, 0.4112$, and if you desaturate by 10%, it is $27.5792, 0.3001, 0.3676$.

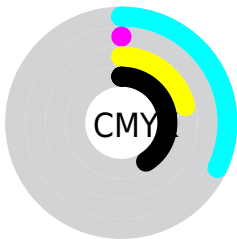
Distribution



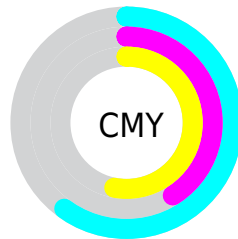
- Red (40%)
- Green (59%)
- Blue (47%)



- Red (40%)
- Yellow (55%)
- Blue (59%)



- Cyan (32%)
- Magenta (0%)
- Yellow (21%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3487, 0.2947, 0.3885 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 26.3487, 0.2947, 0.3885 by changing the saturation by 10% instead.


 26.3487, 0.2947,
0.3885


 26.3487, 0.2947,
0.3885


284.4896, 0.3051,
0.3548


 17.0847, 0.2915,
0.3986

 53.8370, 0.2989,
0.3751


 10.2949, 0.2869,
0.4127


 72.8300, 0.3004,
0.3704

 5.5949, 0.2798,
0.4340

 95.8348, 0.3015,
0.3666

 2.6004, 0.2676,
0.4695

 123.2358, 0.3025,
0.3635

 0.9268, 0.2200,
0.6502

155.4174, 0.3033,
0.3608

 0.0000, 0.0000,
0.0000

192.7640, 0.3040,

0.3585

235.6599, 0.3046,
0.3565

■ 26.3487, 0.2947,
0.3885

■ 26.3487, 0.2947,
0.3885

■ 25.3073, 0.2898,
0.4112

■ 27.5792, 0.3001,
0.3676

■ 24.4421, 0.2858,
0.4354

■ 29.0042, 0.3058,
0.3487

■ 23.7440, 0.2830,
0.4605

■ 30.6330, 0.3117,
0.3319

■ 23.2015, 0.2815,
0.4857

■ 32.4735, 0.3174,
0.3169

■ 22.8016, 0.2817,
0.5099

■ 34.5330, 0.3231,
0.3038

■ 22.5291, 0.2835,
0.5321

■ 36.8184, 0.3285,
0.2923

■ 22.3701, 0.2857,
0.5484

■ 39.3364, 0.3337,
0.2823

■ 42.0934, 0.3385,
0.2735

■ 45.0956, 0.3431,
0.2659

Harmonies

Analogous

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



26.3487, 0.3383, 0.4078



26.3487, 0.2947, 0.3885



26.3487, 0.2576, 0.3493

Triad

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



26.3487, 0.2947, 0.3885



26.3487, 0.2497, 0.2592



26.3487, 0.3961, 0.3421

Complementary

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



26.3487, 0.2947, 0.3885



18.0224, 0.3370, 0.2763

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.



26.3487, 0.3690, 0.3073



26.3487, 0.2947, 0.3885



26.3487, 0.2829, 0.2613

Square

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



26.3487, 0.2947, 0.3885



26.3487, 0.2332, 0.2745



26.3487, 0.3266, 0.2786



26.3487, 0.3986, 0.3763

Rectangle

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



26.3487, 0.2947, 0.3885



26.3487, 0.2411, 0.3202



26.3487, 0.3266, 0.2786



26.3487, 0.3895, 0.3302

Sweetspot

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



26.3498, 0.2947, 0.3885



52.3817, 0.3068, 0.3459



28.2653, 0.3416, 0.4108



11.8243, 0.3060, 0.3482



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.3498, 0.2947, 0.3885



45.8518, 0.2912, 0.4041



27.0010, 0.2747, 0.3432



6.9579, 0.3073, 0.3442



19.0331, 0.2854, 0.5473



0.2908, 0.2627, 0.4656

Inverse Universe

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



18.0224, 0.3370, 0.2763



28.5945, 0.3440, 0.2646



17.4211, 0.3709, 0.3155



6.2886, 0.3185, 0.3143



6.3952, 0.4247, 0.2113



0.1023, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 26.3487, 0.2947, 0.3885 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 26.3487, 0.2947, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

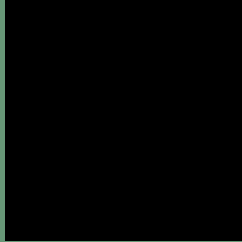
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3487, 0.2947, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 26.3487, 0.2947, 0.3885.



This preview shows how white text looks on a background with the Yxy color 26.3487, 0.2947, 0.3885.

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

26.3487, 0.2947, 0.3885

Protanopia

26.2443, 0.3500, 0.3738

Deuteranopia

26.2067, 0.3559, 0.3497



Tritanopia

26.3716, 0.2694, 0.3100

Trichromacy



Original Color

26.3487, 0.2947, 0.3885

Protanomaly

26.0899, 0.3285, 0.3796

Deuteranomaly

25.9192, 0.3309, 0.3631

Tritanomaly

26.3511, 0.2786, 0.3378

Monochromacy



Original Color

26.3487, 0.2947, 0.3885

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.4523, 0.3053, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3487, 0.2947, 0.3885 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(103, 151, 119)` looks like.

```
.text, #text, p{  
    color:rgb(103, 151, 119)  
}
```

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(103, 151, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 151, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.3487, 0.2947, 0.3885 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(103, 151, 119) }
```

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

```
.border{ border-color:rgb(103, 151, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 151, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 151, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 151, 119);  
box-shadow:4px 4px 4px 4px rgb(103, 151,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3487, 0.2947, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 151, 119) }
```

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

```
.background{ background-color: rgb(103,  
151, 119) }
```

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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