

Converting Colors

$Y_{xy}(26.7073, 0.2904, 0.3926)$

Have a look what the booklet for
Yxy(26.7073, 0.2904, 0.3926)
contains.

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Color

Yxy(26.7110, 0.2904, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	629977
RGB	98, 153, 119
RGB Percent	38%, 60%, 47%
CMY	0.6157, 0.4000, 0.5333
CMYK	0.36, 0.00, 0.22, 0.40
HSL	143°, 22%, 49%
HSV	143°, 36%, 60%
XYZ	19.7577, 26.7110, 21.5675
YIQ	132.6790, -21.8660, -22.2340

Conversions

Conversions Part 2

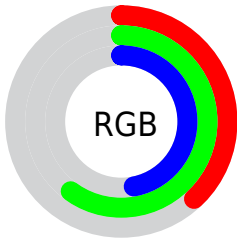
Format	Color
R _Y B	98, 138, 153
Decimal	6461815
CIE Lab	58.71, -25.82, 12.22
CIE LCh	59, 28.564, 154.675
Yxy	26.7110, 0.2904, 0.3926
Android (android.graphics.Color)	4284651895 (0xFF629977)
YUV	132.6790, -6.7437, -30.4135
Hunter-Lab	51.6827, -22.2062, 11.4358

Details

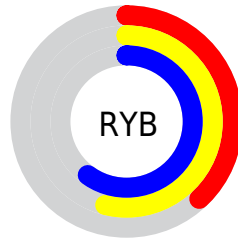
The Yxy color $26.7110, 0.2904, 0.3926$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.1734, 0.3448, 0.2733$, and the grayscale version is $23.3638, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6313, 0.2961, 0.3791$, and $10.5861, 0.2807, 0.4180$ is the 20% darker color. If you saturate the color by 10%, you get $25.7248, 0.2854, 0.4142$, and if you desaturate by 10%, it is $27.8848, 0.2962, 0.3726$.

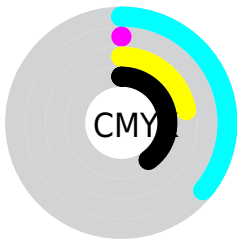
Distribution



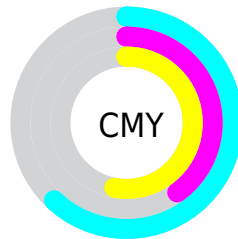
- Red (38%)
- Green (60%)
- Blue (47%)



- Red (38%)
- Yellow (54%)
- Blue (60%)



- Cyan (36%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)





- Cyan (62%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7110, 0.2904, 0.3926 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 26.7110, 0.2904, 0.3926 by changing the saturation by 10% instead.


 26.7110, 0.2904,
0.3926


 26.7110, 0.2904,
0.3926


286.2551, 0.3032,
0.3565

 17.3563, 0.2865,
0.4034


 54.4198, 0.2955,
0.3783

 10.4888, 0.2809,
0.4185


 73.5426, 0.2973,
0.3733

 5.7243, 0.2724,
0.4413


 96.6903, 0.2988,
0.3692

 2.6781, 0.2580,
0.4791

 124.2472, 0.3000,
0.3658

 0.9661, 0.1975,
0.6676

156.5978, 0.3010,
0.3630

 0.0000, 0.0000,
0.0000

194.1263, 0.3018,

0.3605

237.2173, 0.3026,
0.3584

■ 26.7110, 0.2904,
0.3926

■ 26.7110, 0.2904,
0.3926

■ 25.7248, 0.2854,
0.4142

■ 27.8848, 0.2962,
0.3726

■ 24.9128, 0.2814,
0.4371

■ 29.2519, 0.3024,
0.3543

■ 24.2652, 0.2788,
0.4607

■ 30.8221, 0.3088,
0.3379

■ 23.7698, 0.2778,
0.4841

■ 32.6035, 0.3153,
0.3233

■ 23.4127, 0.2786,
0.5067

■ 34.6036, 0.3218,
0.3104

■ 23.1742, 0.2810,
0.5274

■ 36.8296, 0.3280,
0.2991

■ 23.0935, 0.2820,
0.5354

■ 39.2884, 0.3340,
0.2892

■ 41.9867, 0.3397,
0.2805

■ 44.9307, 0.3450,
0.2730

Harmonies

Analogous

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



26.7110, 0.3378, 0.4151



26.7110, 0.2904, 0.3926



26.7110, 0.2510, 0.3486

Triad

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



26.7110, 0.2904, 0.3926



26.7110, 0.2457, 0.2529



26.7110, 0.4048, 0.3448

Complementary

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



26.7110, 0.2904, 0.3926



17.1734, 0.3448, 0.2733

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.



26.7110, 0.3763, 0.3071



26.7110, 0.2904, 0.3926



26.7110, 0.2824, 0.2563

Square

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



26.7110, 0.2904, 0.3926



26.7110, 0.2269, 0.2681



26.7110, 0.3303, 0.2757



26.7110, 0.4058, 0.3818

Rectangle

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



26.7110, 0.2904, 0.3926



26.7110, 0.2338, 0.3166



26.7110, 0.3303, 0.2757



26.7110, 0.3981, 0.3319

Sweetspot

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



26.7121, 0.2904, 0.3926



53.6691, 0.3054, 0.3463



28.6385, 0.3431, 0.4228



11.7757, 0.3046, 0.3483



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.



26.7121, 0.2904, 0.3926



46.4127, 0.2864, 0.4096



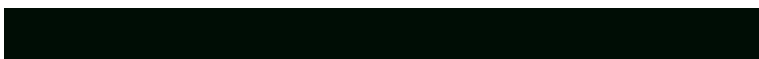
27.4452, 0.2690, 0.3420



6.9627, 0.3067, 0.3431



19.0915, 0.2817, 0.5340



0.2922, 0.2588, 0.4516

Inverse Universe

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



17.1734, 0.3448, 0.2733



26.7841, 0.3545, 0.2610



16.5342, 0.3846, 0.3168



6.2836, 0.3192, 0.3153



6.2803, 0.4433, 0.2216



0.1009, 0.3796, 0.1865

Previews

White Background



This preview shows how the Yxy color 26.7110, 0.2904, 0.3926 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 26.7110, 0.2904, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

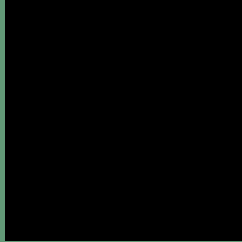
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7110, 0.2904, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 26.7110, 0.2904, 0.3926.



This preview shows how white text looks on a background with the Yxy color 26.7110, 0.2904, 0.3926.

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

26.7110, 0.2904, 0.3926

Protanopia

26.3380, 0.3511, 0.3736

Deuteranopia

26.3351, 0.3560, 0.3480



Tritanopia

26.8088, 0.2649, 0.3100

Trichromacy



Original Color

26.7110, 0.2904, 0.3926

Protanomaly

26.2344, 0.3261, 0.3815

Deuteranomaly

26.1544, 0.3286, 0.3631

Tritanomaly

26.7694, 0.2746, 0.3396

Monochromacy



Original Color

26.7110, 0.2904, 0.3926

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.3077, 0.3032, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7110, 0.2904, 0.3926 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(98, 153, 119)` looks like.

```
.text, #text, p{  
  color:rgb(98, 153, 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(98, 153, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 153, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.7110, 0.2904, 0.3926 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(98, 153, 119) }
```

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

```
.border{ border-color:rgb(98, 153, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 153, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 153, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 153, 119);  
box-shadow:4px 4px 4px 4px rgb(98, 153,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7110, 0.2904, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 153, 119) }
```

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

```
.background{ background-color: rgb(98, 153,  
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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