

Converting Colors

$Yxy(26.2416, 0.3259, 0.4639)$

Have a look what the booklet for
Yxy(26.2416, 0.3259, 0.4639)
contains.

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Color

Yxy(26.2601, 0.3263, 0.4639)

Conversions

Conversions Part 1

Format	Color
Hex	679951
RGB	103, 153, 81
RGB Percent	40%, 60%, 32%
CMY	0.5960, 0.4000, 0.6824
CMYK	0.33, 0.00, 0.47, 0.40
HSL	102°, 31%, 46%
HSV	102°, 47%, 60%
XYZ	18.4709, 26.2601, 11.8762
YIQ	129.8420, -6.6880, -32.9920

Conversions

Conversions Part 2

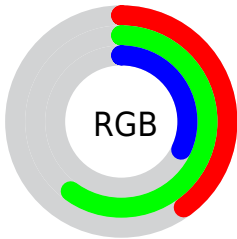
Format	Color
RYB	81, 153, 131
Decimal	6789457
CIELab	58.28, -30.57, 32.52
CIELCh	58, 44.631, 133.235
Yxy	26.2601, 0.3263, 0.4639
Android (android.graphics.Color)	4284979537 (0xFF679951)
YUV	129.8420, -24.0791, -23.5404
Hunter-Lab	51.2446, -25.3384, 22.1305

Details

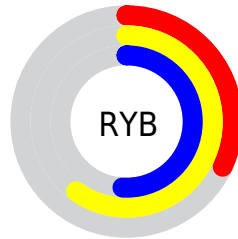
The Yxy color $26.2601, 0.3263, 0.4639$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $13.0050, 0.2876, 0.2073$, and the grayscale version is $22.3541, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8456, 0.3251, 0.4330$, and $10.3426, 0.3240, 0.5202$ is the 20% darker color. If you saturate the color by 10%, you get $25.4683, 0.3271, 0.4953$, and if you desaturate by 10%, it is $27.1856, 0.3245, 0.4322$.

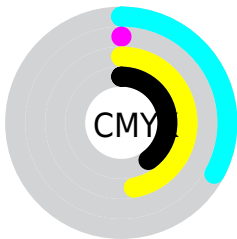
Distribution



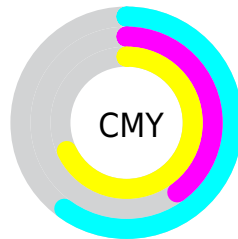
- Red (40%)
- Green (60%)
- Blue (32%)



- Red (32%)
- Yellow (60%)
- Blue (51%)



- Cyan (33%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)





- Cyan (60%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2601, 0.3263, 0.4639 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 26.2601, 0.3263, 0.4639 by changing the saturation by 10% instead.


 26.2601, 0.3263,
0.4639


 26.2601, 0.3263,
0.4639


284.0566, 0.3217,
0.3864


 17.0183, 0.3259,
0.4870


 53.6943, 0.3255,
0.4331


 10.2476, 0.3241,
0.5189


 72.6554, 0.3249,
0.4223


 5.5634, 0.3183,
0.5653

 95.6252, 0.3243,
0.4135

 2.5815, 0.3217,
0.6783

 122.9879, 0.3237,
0.4063

 0.9174, 0.1202,
0.8798

 155.1280, 0.3232,
0.4001

 0.0000, 0.0000,
0.0000

192.4299, 0.3227,

0.3949

235.2780, 0.3222,
0.3904

■ 26.2601, 0.3263,
0.4639

■ 26.2601, 0.3263,
0.4639

■ 25.4683, 0.3271,
0.4953

■ 27.1856, 0.3245,
0.4322

■ 24.8004, 0.3265,
0.5246

■ 28.2475, 0.3218,
0.4015

■ 24.2503, 0.3246,
0.5501


■ 29.4525, 0.3187,
0.3727

■ 23.8101, 0.3211,
0.5701


■ 30.8060, 0.3152,
0.3462

■ 23.4687, 0.3167,
0.5840

■ 32.3128, 0.3117,
0.3223

 23.3826, 0.3155,
0.5877

 33.9778, 0.3081,
0.3009

 35.8055, 0.3047,
0.2820

 37.8003, 0.3013,
0.2652

 39.9664, 0.2982,
0.2505

Harmonies

Analogous

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



26.2601, 0.3962, 0.4595



26.2601, 0.3263, 0.4639



26.2601, 0.2565, 0.4148

Triad

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



26.2601, 0.3263, 0.4639



26.2601, 0.1900, 0.2261



26.2601, 0.4296, 0.3086

Complementary

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



26.2601, 0.3263, 0.4639



13.0050, 0.2876, 0.2073

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.



26.2601, 0.3609, 0.2607



26.2601, 0.3263, 0.4639



26.2601, 0.2241, 0.2146

Square

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



26.2601, 0.3263, 0.4639



26.2601, 0.1834, 0.2660



26.2601, 0.2842, 0.2275



26.2601, 0.4618, 0.3635

Rectangle

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



26.2601, 0.3263, 0.4639



26.2601, 0.2196, 0.3622



26.2601, 0.2842, 0.2275



26.2601, 0.4095, 0.2915

Sweetspot

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



26.2612, 0.3263, 0.4639



53.3954, 0.3177, 0.3650



23.3835, 0.3962, 0.4094



11.6876, 0.3184, 0.3704



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.



26.2612, 0.3263, 0.4639



45.6055, 0.3271, 0.4954



25.3429, 0.2960, 0.4462



7.0127, 0.3160, 0.3517



19.3410, 0.3160, 0.5873



0.3067, 0.3476, 0.5622

Inverse Universe

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



13.0050, 0.2876, 0.2073



18.9992, 0.2802, 0.1821



14.5423, 0.3366, 0.2354



6.2288, 0.3091, 0.3067



4.4609, 0.2464, 0.1131



0.0855, 0.2812, 0.1323

Previews

White Background



This preview shows how the Yxy color 26.2601, 0.3263, 0.4639 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 26.2601, 0.3263, 0.4639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

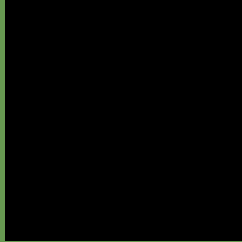
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2601, 0.3263, 0.4639

Background



This preview shows how black text looks on a background with the Yxy color 26.2601, 0.3263, 0.4639.



This preview shows how white text looks on a background with the Yxy color 26.2601, 0.3263, 0.4639.

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

26.2601, 0.3263, 0.4639

Protanopia

26.1480, 0.3950, 0.4302

Deuteranopia

25.8820, 0.4084, 0.3999



Tritanopia

26.2959, 0.2735, 0.3101

Trichromacy



Original Color

26.2601, 0.3263, 0.4639

Protanomaly

25.9518, 0.3672, 0.4434

Deuteranomaly

25.4160, 0.3765, 0.4224

Tritanomaly

26.1443, 0.2933, 0.3633

Monochromacy



Original Color

26.2601, 0.3263, 0.4639

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.3399, 0.3192, 0.3771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2601, 0.3263, 0.4639 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, 153, 81)` looks like.

```
.text, #text, p{  
    color:rgb(103, 153, 81)  
}
```

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, 153, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 153, 81) }
```

Border

The CSS property to change the border of an element to Yxy 26.2601, 0.3263, 0.4639 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, 153, 81) }
```

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

```
.border{ border-color:rgb(103, 153, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 153, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 153, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 153, 81);  
box-shadow:4px 4px 4px 4px rgb(103, 153,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2601, 0.3263, 0.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 153, 81) }
```

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

```
.background{ background-color: rgb(103,  
153, 81) }
```

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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