

Converting Colors

$Y_{xy}(26.3067, 0.2973, 0.4041)$

Have a look what the booklet for
Yxy(26.3067, 0.2973, 0.4041)
contains.

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Color

$Y_{xy}(26.2790, 0.2971, 0.4045)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 639870 |
| RGB | 99, 152, 112 |
| RGB Percent | 39%, 60%, 44% |
| CMY | 0.6116, 0.4039, 0.5608 |
| CMYK | 0.35, 0.00, 0.26, 0.40 |
| HSL | 135°, 21%, 49% |
| HSV | 135°, 35%, 60% |
| XYZ | 19.3016, 26.2790, 19.3860 |
| YIQ | 131.5930, -18.7480, -23.6760 |

Conversions

Conversions Part 2

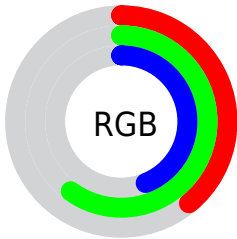
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 99, 142, 152 |
| Decimal | 6527088 |
| CIELab | 58.30, -26.37, 15.59 |
| CIElCh | 58, 30.635, 149.407 |
| Yxy | 26.2790, 0.2971, 0.4045 |
| Android (android.graphics.Color) | 4284717168 (0xFF639870) |
| YUV | 131.5930, -9.6593, -28.5841 |
| Hunter-Lab | 51.2630, -22.5014, 13.4626 |

Details

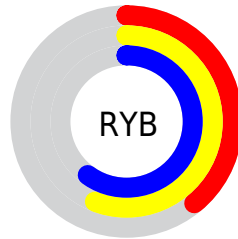
The Yxy color $26.2790, 0.2971, 0.4045$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.4704, 0.3335, 0.2639$, and the grayscale version is $22.9641, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8853, 0.3006, 0.3877$, and $10.3305, 0.2893, 0.4366$ is the 20% darker color. If you saturate the color by 10%, you get $25.2631, 0.2933, 0.4310$, and if you desaturate by 10%, it is $27.4909, 0.3014, 0.3800$.

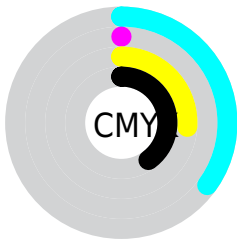
Distribution



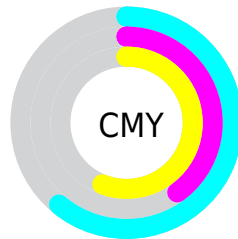
- Red (39%)
- Green (60%)
- Blue (44%)



- Red (39%)
- Yellow (56%)
- Blue (60%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (40%)





- Cyan (61%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2790, 0.2971, 0.4045 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 26.2790, 0.2971, 0.4045 by changing the saturation by 10% instead.

 26.2790, 0.2971,
0.4045


 26.2790, 0.2971,
0.4045

284.1490, 0.3065,
0.3614


 17.0325, 0.2940,
0.4175


 53.7247, 0.3010,
0.3873


 10.2577, 0.2894,
0.4358


 72.6927, 0.3023,
0.3813

 5.5701, 0.2821,
0.4635

 95.6699, 0.3034,
0.3765

 2.5855, 0.2687,
0.5097

 123.0408, 0.3043,
0.3724

 0.9194, 0.1999,
0.8001

155.1898, 0.3050,
0.3690

 0.0000, 0.0000,
0.0000

192.5012, 0.3056,

0.3661

235.3595, 0.3061,
0.3636

■ 26.2790, 0.2971,
0.4045

■ 26.2790, 0.2971,
0.4045

■ 25.2631, 0.2933,
0.4310

■ 27.4909, 0.3014,
0.3800

■ 24.4295, 0.2903,
0.4587

■ 28.9049, 0.3059,
0.3577

■ 23.7682, 0.2884,
0.4868


■ 30.5310, 0.3105,
0.3378


■ 23.2665, 0.2877,
0.5140


■ 32.3777, 0.3151,
0.3202


■ 22.9102, 0.2884,
0.5389

■ 34.4527, 0.3195,
0.3048


 22.6815, 0.2905,
0.5600

 36.7635, 0.3237,
0.2913

 22.5904, 0.2915,
0.5694

 39.3174, 0.3277,
0.2796

 42.1212, 0.3314,
0.2694

 45.1814, 0.3349,
0.2606

Harmonies

Analogous

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



26.2790, 0.3482, 0.4232



26.2790, 0.2971, 0.4045



26.2790, 0.2525, 0.3592

Triad

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



26.2790, 0.2971, 0.4045



26.2790, 0.2358, 0.2488



26.2790, 0.4087, 0.3382

Complementary

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



26.2790, 0.2971, 0.4045



17.4704, 0.3335, 0.2639

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.



26.2790, 0.3735, 0.2988



26.2790, 0.2971, 0.4045



26.2790, 0.2719, 0.2493

Square

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



26.2790, 0.2971, 0.4045



26.2790, 0.2195, 0.2683



26.2790, 0.3221, 0.2672



26.2790, 0.4150, 0.3786

Rectangle

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



26.2790, 0.2971, 0.4045



26.2790, 0.2320, 0.3241



26.2790, 0.3221, 0.2672



26.2790, 0.3998, 0.3246

Sweetspot

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



26.2801, 0.2971, 0.4045



52.3094, 0.3080, 0.3482



28.9011, 0.3500, 0.4173



11.8060, 0.3074, 0.3508



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.



26.2801, 0.2971, 0.4045



44.9310, 0.2940, 0.4255



26.9414, 0.2758, 0.3545



6.9492, 0.3085, 0.3462



18.9468, 0.2912, 0.5683



0.2883, 0.2707, 0.4944

Inverse Universe

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



17.4704, 0.3335, 0.2639



26.9316, 0.3397, 0.2492



16.8014, 0.3707, 0.3052



6.2978, 0.3172, 0.3124



6.6357, 0.3926, 0.1936



0.1048, 0.3554, 0.1731

Previews

White Background



This preview shows how the Yxy color 26.2790, 0.2971, 0.4045 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 26.2790, 0.2971, 0.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

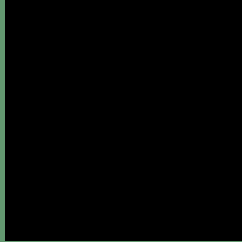
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2790, 0.2971, 0.4045

Background



This preview shows how black text looks on a background with the Yxy color 26.2790, 0.2971, 0.4045.



This preview shows how white text looks on a background with the Yxy color 26.2790, 0.2971, 0.4045.

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

26.2790, 0.2971, 0.4045

Protanopia

25.8954, 0.3590, 0.3837

Deuteranopia

25.8882, 0.3643, 0.3576



Tritanopia

26.2145, 0.2661, 0.3082

Trichromacy



Original Color

26.2790, 0.2971, 0.4045

Protanomaly

25.8545, 0.3344, 0.3923

Deuteranomaly

25.6908, 0.3360, 0.3737

Tritanomaly

26.1062, 0.2776, 0.3415

Monochromacy



Original Color

26.2790, 0.2971, 0.4045

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.9390, 0.3061, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2790, 0.2971, 0.4045 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(99, 152, 112)` looks like.

```
.text, #text, p{  
    color:rgb(99, 152, 112)  
}
```

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(99, 152, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 152, 112) }
```

Border

The CSS property to change the border of an element to Yxy 26.2790, 0.2971, 0.4045 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(99, 152, 112) }
```

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

```
.border{ border-color:rgb(99, 152, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 152, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 152, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 152, 112);  
box-shadow:4px 4px 4px 4px rgb(99, 152,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2790, 0.2971, 0.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 152, 112) }
```

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

```
.background{ background-color: rgb(99, 152,  
112) }
```

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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