

Converting Colors

$Y_{xy}(26.5880, 0.2855, 0.3635)$

Have a look what the booklet for
Yxy(26.5880, 0.2855, 0.3635)
contains.

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Color

Yxy(26.4546, 0.2862, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	699683
RGB	105, 150, 131
RGB Percent	41%, 59%, 51%
CMY	0.5885, 0.4117, 0.4863
CMYK	0.30, 0.00, 0.13, 0.41
HSL	155°, 18%, 50%
HSV	155°, 30%, 59%
XYZ	20.8232, 26.4546, 25.4797
YIQ	134.3790, -20.7210, -15.4490

Conversions

Conversions Part 2

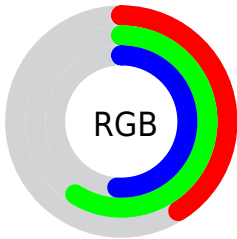
Format	Color
RYB	105, 134, 150
Decimal	6919811
CIELab	58.47, -19.55, 5.14
CIElCh	58, 20.219, 165.263
Yxy	26.4546, 0.2862, 0.3636
Android (android.graphics.Color)	4285109891 (0xFF699683)
YUV	134.3790, -1.6658, -25.7654
Hunter-Lab	51.4340, -17.7435, 6.6324

Details

The Yxy color **26.4546, 0.2862, 0.3636** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0307, 0.3502, 0.2970**, and the grayscale version is **23.9949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8145, 0.2917, 0.3555**, and **10.3736, 0.2762, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **25.4602, 0.2786, 0.3773**, and if you desaturate by 10%, it is **27.6219, 0.2946, 0.3509**.

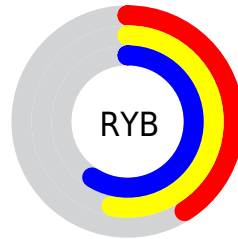
Distribution



Red (41%)

Green (59%)

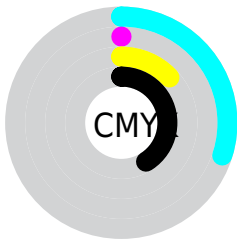
Blue (51%)



Red (41%)

Yellow (53%)

Blue (59%)

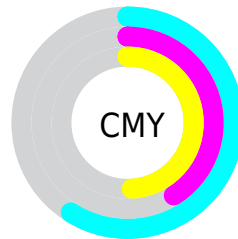


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (41%)



Cyan (59%)


Magenta (41%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4546, 0.2862, 0.3636 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 26.4546, 0.2862, 0.3636 by changing the saturation by 10% instead.


 26.4546, 0.2862,
0.3636


 26.4546, 0.2862,
0.3636


285.0066, 0.3009,
0.3443


 17.1640, 0.2820,
0.3693


 54.0074, 0.2919,
0.3560


 10.3515, 0.2761,
0.3771


 73.0385, 0.2940,
0.3533

 5.6326, 0.2676,
0.3888

 96.0851, 0.2956,
0.3512

 2.6230, 0.2538,
0.4078

 123.5318, 0.2970,
0.3493

 0.9382, 0.2054,
0.4662

155.7629, 0.2982,
0.3478

 0.0000, 0.0000,
0.0000

193.1628, 0.2992,

0.3464

236.1159, 0.3001,
0.3453

■ 26.4546, 0.2862,
0.3636

■ 26.4546, 0.2862,
0.3636

■ 25.4602, 0.2786,
0.3773

■ 27.6219, 0.2946,
0.3509

■ 24.6268, 0.2721,
0.3920

■ 28.9668, 0.3035,
0.3394

■ 23.9461, 0.2670,
0.4075


■ 30.4978, 0.3127,
0.3290

■ 23.4077, 0.2636,
0.4235

■ 32.2220, 0.3220,
0.3198


■ 23.0000, 0.2621,
0.4396


■ 34.1461, 0.3312,
0.3115


 22.7090, 0.2624,
0.4556

 36.2764, 0.3402,
0.3043

 22.5009, 0.2642,
0.4712

 38.6190, 0.3490,
0.2979

 41.1797, 0.3574,
0.2923

 43.9639, 0.3655,
0.2874

Harmonies

Analogous

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



26.4546, 0.3194, 0.3855



26.4546, 0.2862, 0.3636



26.4546, 0.2610, 0.3314

Triad

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



26.4546, 0.2862, 0.3636



26.4546, 0.2726, 0.2730



26.4546, 0.3805, 0.3515

Complementary

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



26.4546, 0.2862, 0.3636



18.0307, 0.3502, 0.2970

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.



26.4546, 0.3667, 0.3233



26.4546, 0.2862, 0.3636



26.4546, 0.3031, 0.2796

Square

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



26.4546, 0.2862, 0.3636



26.4546, 0.2535, 0.2800



26.4546, 0.3378, 0.2976



26.4546, 0.3748, 0.3759

Rectangle

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



26.4546, 0.2862, 0.3636



26.4546, 0.2516, 0.3101



26.4546, 0.3378, 0.2976



26.4546, 0.3780, 0.3421

Sweetspot

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



26.4557, 0.2862, 0.3636



51.3304, 0.3043, 0.3385



27.1565, 0.3287, 0.4088



11.3006, 0.3031, 0.3399



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.4557, 0.2862, 0.3636



45.4755, 0.2810, 0.3726



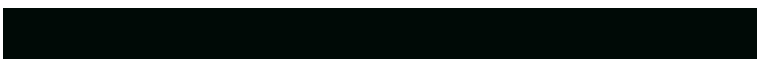
26.0727, 0.2700, 0.3236



6.5213, 0.3043, 0.3385



18.6643, 0.2639, 0.4701



0.2343, 0.2447, 0.4010

Inverse Universe

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



18.0307, 0.3502, 0.2970



28.1817, 0.3617, 0.2896



18.2178, 0.3759, 0.3344



5.8536, 0.3220, 0.3197



5.6842, 0.5231, 0.2655



0.0753, 0.4241, 0.2110

Previews

White Background



This preview shows how the Yxy color 26.4546, 0.2862, 0.3636 looks on a white background.

Color Contrast Check

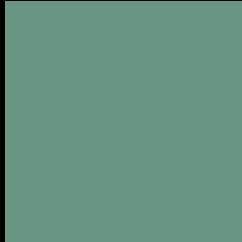
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4546, 0.2862, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

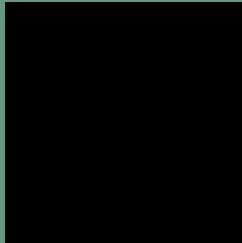
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4546, 0.2862, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 26.4546, 0.2862, 0.3636.



This preview shows how white text looks on a background with the Yxy color 26.4546, 0.2862, 0.3636.

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

26.4546, 0.2862, 0.3636

Protanopia

26.3735, 0.3338, 0.3522

Deuteranopia

26.1171, 0.3378, 0.3307



Tritanopia

26.4059, 0.2686, 0.3083

Trichromacy



Original Color

26.4546, 0.2862, 0.3636

Protanomaly

26.3303, 0.3146, 0.3566

Deuteranomaly

25.7680, 0.3165, 0.3409

Tritanomaly

26.2568, 0.2752, 0.3271

Monochromacy



Original Color

26.4546, 0.2862, 0.3636

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.6606, 0.3015, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4546, 0.2862, 0.3636 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(105, 150, 131)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 131)  
}
```

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(105, 150, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 131) }
```

Border

The CSS property to change the border of an element to Yxy 26.4546, 0.2862, 0.3636 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(105, 150, 131) }
```

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

```
.border{ border-color:rgb(105, 150, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 150, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 131);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4546, 0.2862, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 131) }
```

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

```
.background{ background-color: rgb(105,  
150, 131) }
```

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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