

Converting Colors

$Y_{xy}(25.4863, 0.2799, 0.3685)$

Have a look what the booklet for
Yxy(25.4863, 0.2799, 0.3685)
contains.

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Color

$\text{Yxy}(25.4863, 0.2799, 0.3685)$

Conversions

Conversions Part 1

Format	Color
Hex	5F9580
RGB	95, 149, 128
RGB Percent	37%, 58%, 50%
CMY	0.6276, 0.4156, 0.4981
CMYK	0.36, 0.00, 0.14, 0.42
HSL	157°, 22%, 48%
HSV	157°, 36%, 58%
XYZ	19.3585, 25.4863, 24.3175
YIQ	130.4600, -25.4430, -17.9790

Conversions

Conversions Part 2

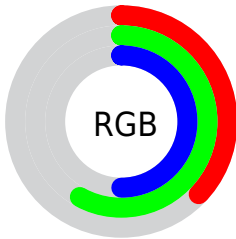
Format	Color
R _Y B	95, 129, 149
Decimal	6264192
CIE Lab	57.55, -22.83, 5.46
CIE LCh	58, 23.472, 166.548
Yxy	25.4863, 0.2799, 0.3685
Android (android.graphics.Color)	4284454272 (0xFF5F9580)
YUV	130.4600, -1.2128, -31.0984
Hunter-Lab	50.4840, -19.8995, 6.7796

Details

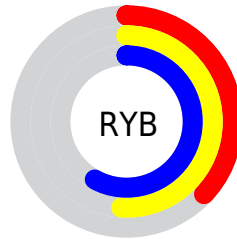
The Yxy color **25.4863, 0.2799, 0.3685** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.8265, 0.3636, 0.2931**, and the grayscale version is **22.5023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2511, 0.2866, 0.3589**, and **9.8578, 0.2674, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **24.6165, 0.2726, 0.3816**, and if you desaturate by 10%, it is **26.5196, 0.2882, 0.3563**.

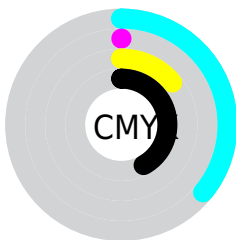
Distribution



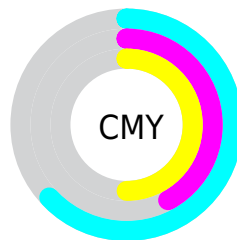
- Red (37%)
- Green (58%)
- Blue (50%)



- Red (37%)
- Yellow (51%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4863, 0.2799, 0.3685 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 25.4863, 0.2799, 0.3685 by changing the saturation by 10% instead.

■ 25.4863, 0.2799,
0.3685

■ 25.4863, 0.2799,
0.3685

280.2512, 0.2982,
0.3463

■ 16.4397, 0.2746,
0.3751

■ 52.4451, 0.2871,
0.3597

■ 9.8359, 0.2672,
0.3843

■ 71.1260, 0.2896,
0.3566

■ 5.2903, 0.2564,
0.3980

■ 93.7873, 0.2917,
0.3541

■ 2.4186, 0.2389,
0.4208

■ 120.8132, 0.2934,
0.3520

■ 0.8354, 0.1480,
0.5221

152.5881, 0.2949,
0.3503

■ 0.0000, 0.0000,
0.0000

189.4965, 0.2961,

0.3487

231.9227, 0.2972,
0.3474

■ 25.4863, 0.2799,
0.3685

■ 25.4863, 0.2799,
0.3685

■ 24.6165, 0.2726,
0.3816

■ 26.5196, 0.2882,
0.3563

■ 23.8980, 0.2667,
0.3955

■ 27.7213, 0.2972,
0.3451

■ 23.3223, 0.2624,
0.4100


■ 29.1002, 0.3066,
0.3349


■ 22.8783, 0.2598,
0.4247

■ 30.6633, 0.3163,
0.3257

■ 22.5535, 0.2592,
0.4395


■ 32.4175, 0.3261,
0.3175


 22.3289, 0.2604,
0.4541

 34.3690, 0.3358,
0.3103

 22.2554, 0.2610,
0.4595

 36.5241, 0.3452,
0.3039

 38.8886, 0.3544,
0.2983

 41.4679, 0.3632,
0.2934

Harmonies

Analogous

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



25.4863, 0.3184, 0.3954



25.4863, 0.2799, 0.3685



25.4863, 0.2513, 0.3298

Triad

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



25.4863, 0.2799, 0.3685



25.4863, 0.2670, 0.2639



25.4863, 0.3927, 0.3559

Complementary

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



25.4863, 0.2799, 0.3685



15.8265, 0.3636, 0.2931

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.



25.4863, 0.3775, 0.3233



25.4863, 0.2799, 0.3685



25.4863, 0.3029, 0.2723

Square

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



25.4863, 0.2799, 0.3685



25.4863, 0.2444, 0.2709



25.4863, 0.3437, 0.2935



25.4863, 0.3847, 0.3845

Rectangle

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



25.4863, 0.2799, 0.3685



25.4863, 0.2410, 0.3048



25.4863, 0.3437, 0.2935



25.4863, 0.3901, 0.3451

Sweetspot

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



25.4873, 0.2799, 0.3685



50.8443, 0.3019, 0.3398



26.0767, 0.3296, 0.4278



11.2025, 0.3008, 0.3410



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.



25.4873, 0.2799, 0.3685



44.2766, 0.2736, 0.3798



24.4280, 0.2619, 0.3190



6.5244, 0.3038, 0.3377



18.7335, 0.2607, 0.4585



0.2351, 0.2428, 0.3940

Inverse Universe

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



15.8265, 0.3636, 0.2931



24.2233, 0.3815, 0.2845



16.3989, 0.3934, 0.3386



5.8505, 0.3225, 0.3204



5.6398, 0.5365, 0.2729



0.0745, 0.4339, 0.2164

Previews

White Background



This preview shows how the Yxy color 25.4863, 0.2799, 0.3685 looks on a white background.

Color Contrast Check

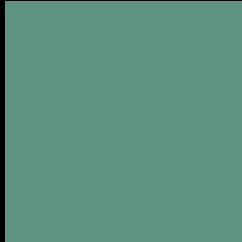
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4863, 0.2799, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

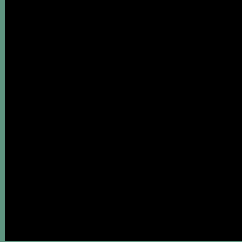
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4863, 0.2799, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 25.4863, 0.2799, 0.3685.

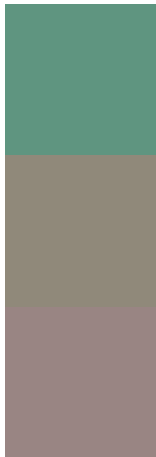


This preview shows how white text looks on a background with the Yxy color 25.4863, 0.2799, 0.3685.

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

25.4863, 0.2799, 0.3685

Protanopia

25.2258, 0.3365, 0.3543

Deuteranopia

25.1861, 0.3381, 0.3323



Tritanopia

25.5099, 0.2617, 0.3078

Trichromacy



Original Color

25.4863, 0.2799, 0.3685

Protanomaly

24.9406, 0.3135, 0.3592

Deuteranomaly

24.9825, 0.3142, 0.3446

Tritanomaly

25.2857, 0.2681, 0.3289

Monochromacy



Original Color

25.4863, 0.2799, 0.3685

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.2582, 0.2991, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4863, 0.2799, 0.3685 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(95, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(95, 149, 128)  
}
```

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(95, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 149, 128) }
```

Border

The CSS property to change the border of an element to Yxy 25.4863, 0.2799, 0.3685 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(95, 149, 128) }
```

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

```
.border{ border-color:rgb(95, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(95, 149,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4863, 0.2799, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 149, 128) }
```

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

```
.background{ background-color: rgb(95, 149,  
128) }
```

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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