

Converting Colors

$Y_{xy}(29.0792, 0.2860, 0.3662)$

Have a look what the booklet for
Yxy(29.0792, 0.2860, 0.3662)
contains.

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Color

$\text{Yxy}(29.0797, 0.2854, 0.3659)$

Conversions

Conversions Part 1

Format	Color
Hex	6C9D88
RGB	108, 157, 136
RGB Percent	42%, 62%, 53%
CMY	0.5766, 0.3843, 0.4666
CMYK	0.31, 0.00, 0.13, 0.38
HSL	154°, 20%, 52%
HSV	154°, 31%, 62%
XYZ	22.6820, 29.0797, 27.7127
YIQ	139.9550, -22.4630, -16.9190

Conversions

Conversions Part 2

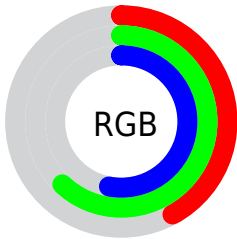
Format	Color
RYB	108, 139, 157
Decimal	7118216
CIELab	60.85, -21.12, 5.76
CIELCh	61, 21.893, 164.755
Yxy	29.0797, 0.2854, 0.3659
Android (android.graphics.Color)	4285308296 (0xFF6C9D88)
YUV	139.9550, -1.9498, -28.0245
Hunter-Lab	53.9256, -19.2897, 7.2784

Details

The Yxy color $29.0797, 0.2854, 0.3659$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.4700, 0.3520, 0.2951$, and the grayscale version is $26.2190, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.3382, 0.2916, 0.3586$, and $11.6746, 0.2755, 0.3795$ is the 20% darker color. If you saturate the color by 10%, you get $27.9987, 0.2780, 0.3800$, and if you desaturate by 10%, it is $30.3524, 0.2937, 0.3529$.

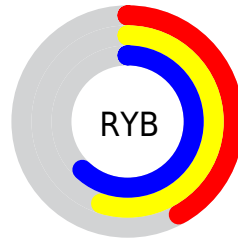
Distribution



Red (42%)

Green (62%)

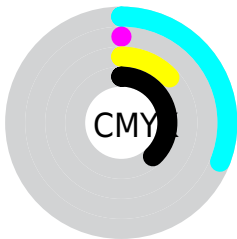
Blue (53%)



Red (42%)

Yellow (55%)

Blue (62%)

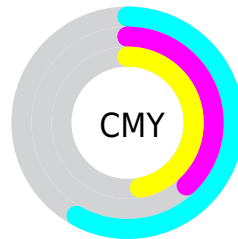


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (58%)


Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0797, 0.2854, 0.3659 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 29.0797, 0.2854, 0.3659 by changing the saturation by 10% instead.

 29.0797, 0.2854,
0.3659


 29.0797, 0.2854,
0.3659


297.5908, 0.3003,
0.3456


 19.1411, 0.2812,
0.3717


 58.2037, 0.2912,
0.3580

 11.7723, 0.2754,
0.3798


 78.1579, 0.2932,
0.3552

 6.5888, 0.2671,
0.3915


 102.2194, 0.2949,
0.3529

 3.2063, 0.2541,
0.4101

 130.7727, 0.2964,
0.3509

 1.2404, 0.2259,
0.4474

164.2020, 0.2976,
0.3493

 0.0943, 0.0000,
1.0000

202.8919, 0.2986,

 0.0000, 0.0000,

0.3479

0.0000

247.2267, 0.2995,
0.3466

■ 29.0797, 0.2854,
0.3659

■ 29.0797, 0.2854,
0.3659

■ 27.9987, 0.2780,
0.3800

■ 30.3524, 0.2937,
0.3529

■ 27.0960, 0.2717,
0.3951

■ 31.8221, 0.3025,
0.3410

■ 26.3622, 0.2669,
0.4110

■ 33.4986, 0.3116,
0.3302

■ 25.7855, 0.2637,
0.4273


■ 35.3897, 0.3208,
0.3207


■ 25.3525, 0.2625,
0.4438

■ 37.5030, 0.3300,
0.3122


 25.0473, 0.2632,
0.4600

 39.8455, 0.3390,
0.3047

 24.8519, 0.2650,
0.4739

 42.4242, 0.3477,
0.2981

 45.2455, 0.3561,
0.2923

 48.3157, 0.3641,
0.2873

Harmonies

Analogous

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



29.0797, 0.3202, 0.3887



29.0797, 0.2854, 0.3659



29.0797, 0.2589, 0.3320

Triad

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



29.0797, 0.2854, 0.3659



29.0797, 0.2702, 0.2704



29.0797, 0.3838, 0.3519

Complementary

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



29.0797, 0.2854, 0.3659



19.4700, 0.3520, 0.2951

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.



29.0797, 0.3690, 0.3224



29.0797, 0.2854, 0.3659



29.0797, 0.3019, 0.2771

Square

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



29.0797, 0.2854, 0.3659



29.0797, 0.2506, 0.2779



29.0797, 0.3384, 0.2958



29.0797, 0.3780, 0.3777

Rectangle

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



29.0797, 0.2854, 0.3659



29.0797, 0.2489, 0.3096



29.0797, 0.3384, 0.2958



29.0797, 0.3811, 0.3421

Sweetspot

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



29.0809, 0.2854, 0.3659



57.5716, 0.3043, 0.3387



29.8833, 0.3293, 0.4126



12.5825, 0.3031, 0.3402



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.0809, 0.2854, 0.3659



50.7817, 0.2805, 0.3749



28.6459, 0.2684, 0.3233



7.4614, 0.3043, 0.3387



20.1889, 0.2647, 0.4727



0.3694, 0.2469, 0.4090

Inverse Universe

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



19.4700, 0.3520, 0.2951



30.9792, 0.3633, 0.2878



19.6703, 0.3797, 0.3346



6.6909, 0.3220, 0.3195



6.1603, 0.5214, 0.2646



0.1185, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 29.0797, 0.2854, 0.3659 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 29.0797, 0.2854, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

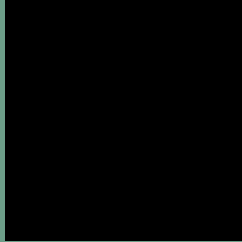
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0797, 0.2854, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 29.0797, 0.2854, 0.3659.



This preview shows how white text looks on a background with the Yxy color 29.0797, 0.2854, 0.3659.

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

29.0797, 0.2854, 0.3659

Protanopia

28.9418, 0.3361, 0.3545

Deuteranopia

28.7004, 0.3390, 0.3321



Tritanopia

29.0765, 0.2670, 0.3090

Trichromacy



Original Color

29.0797, 0.2854, 0.3659

Protanomaly

28.7970, 0.3164, 0.3589

Deuteranomaly

28.5421, 0.3172, 0.3436

Tritanomaly

28.8890, 0.2740, 0.3289

Monochromacy



Original Color

29.0797, 0.2854, 0.3659

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.0110, 0.3009, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0797, 0.2854, 0.3659 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(108, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(108, 157, 136)  
}
```

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(108, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 157, 136) }
```

Border

The CSS property to change the border of an element to Yxy 29.0797, 0.2854, 0.3659 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(108, 157, 136) }
```

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

```
.border{ border-color:rgb(108, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(108, 157,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0797, 0.2854, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 157, 136) }
```

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

```
.background{ background-color: rgb(108,  
157, 136) }
```

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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