

Converting Colors

$Y_{xy}(29.9871, 0.2829, 0.3293)$

Have a look what the booklet for
Yxy(29.9871, 0.2829, 0.3293)
contains.

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Color

Yxy(30.0202, 0.2827, 0.3289)

Conversions

Conversions Part 1	
Format	Color
Hex	7B9B9B
RGB	123, 155, 155
RGB Percent	48%, 61%, 61%
CMY	0.5178, 0.3921, 0.3921
CMYK	0.21, 0.00, 0.00, 0.39
HSL	180°, 14%, 55%
HSV	180°, 21%, 61%
XYZ	25.8033, 30.0202, 35.4510
YIQ	145.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

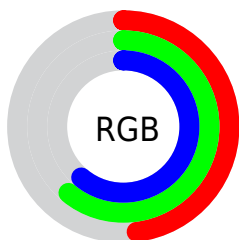
Format	Color
RYB	123, 139, 155
Decimal	8100763
CIELab	61.67, -11.04, -3.67
CIELCh	62, 11.632, 198.407
Yxy	30.0202, 0.2827, 0.3289
Android (android.graphics.Color)	4286290843 (0xFF7B9B9B)
YUV	145.4320, 4.7170, -19.6729
Hunter-Lab	54.7907, -11.8203, -0.0087

Details

The Yxy color $30.0202, 0.2827, 0.3289$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $22.5583, 0.3527, 0.3291$, and the grayscale version is $28.4849, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4345, 0.2890, 0.3289$, and $12.3166, 0.2723, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $28.9668, 0.2697, 0.3289$, and if you desaturate by 10%, it is $31.2571, 0.2968, 0.3289$.

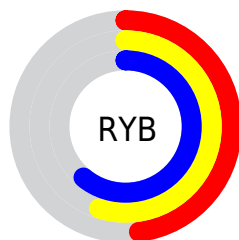
Distribution



Red (48%)

Green (61%)

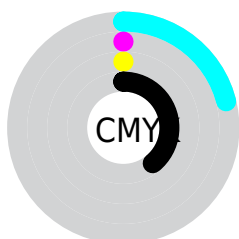
Blue (61%)



Red (48%)

Yellow (55%)

Blue (61%)

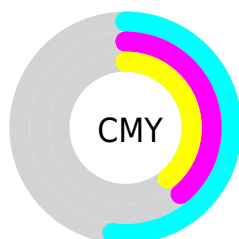


Cyan (21%)

Magenta (0%)

Yellow (0%)

Black (39%)



Cyan (52%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0202, 0.2827, 0.3289 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 30.0202, 0.2827, 0.3289 by changing the saturation by 10% instead.


 30.0202, 0.2827,
0.3289


 30.0202, 0.2827,
0.3289


301.9986, 0.2987,
0.3291

 19.8539, 0.2783,
0.3288

 59.6941, 0.2888,
0.3290

 12.2889, 0.2725,
0.3286


 79.9706, 0.2910,
0.3291

 6.9408, 0.2643,
0.3282


 104.3858, 0.2928,
0.3291

 3.4251, 0.2520,
0.3275

133.3243, 0.2943,
0.3291

 1.3575, 0.2313,
0.3257

167.1705, 0.2957,
0.3291

 0.1851, 0.0000,
0.2876


206.3086, 0.2968,


 0.0000, 0.0000,

0.3291


0.0000

251.1232, 0.2978,
0.3291

 30.0202, 0.2827,
0.3289

 30.0202, 0.2827,
0.3289

 28.9668, 0.2697,
0.3289


 31.2571, 0.2968,
0.3289

 28.0846, 0.2582,
0.3288

 32.6818, 0.3117,
0.3290


 27.3657, 0.2482,
0.3288


 34.3028, 0.3272,
0.3290


 26.8002, 0.2400,
0.3288


 36.1274, 0.3429,
0.3291

 26.3768, 0.2336,
0.3287


 38.1622, 0.3587,
0.3291

 26.0829, 0.2290,
0.3287


 40.4135, 0.3743,
0.3292

 25.9037, 0.2262,
0.3287

 42.8876, 0.3896,
0.3292

 25.8058, 0.2246,
0.3287

 45.5904, 0.4044,
0.3293

 47.0810, 0.4119,
0.3293

Harmonies

Analogous

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



30.0202, 0.2965, 0.3461



30.0202, 0.2827, 0.3289



30.0202, 0.2768, 0.3124

Triad

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



30.0202, 0.2827, 0.3289



30.0202, 0.3097, 0.3017



30.0202, 0.3461, 0.3566

Complementary

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



30.0202, 0.2827, 0.3289



22.5583, 0.3527, 0.3291

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.



30.0202, 0.3500, 0.3439



30.0202, 0.2827, 0.3289



30.0202, 0.3286, 0.3127

Square

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



30.0202, 0.2827, 0.3289



30.0202, 0.2920, 0.2974



30.0202, 0.3436, 0.3279



30.0202, 0.3331, 0.3622

Rectangle

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



30.0202, 0.2827, 0.3289



30.0202, 0.2780, 0.3040



30.0202, 0.3436, 0.3279



30.0202, 0.3485, 0.3530

Sweetspot

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



30.0214, 0.2827, 0.3289



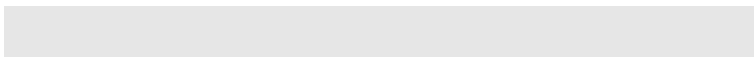
57.0860, 0.3035, 0.3290



29.0854, 0.3101, 0.3845



12.8872, 0.3026, 0.3290



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.



30.0214, 0.2827, 0.3289



52.8053, 0.2763, 0.3289



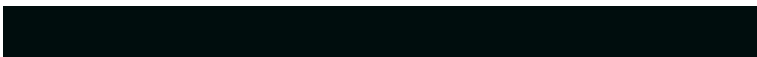
25.0381, 0.2810, 0.3018



7.0264, 0.2989, 0.3290



20.7230, 0.2246, 0.3287



0.3099, 0.2247, 0.3287

Inverse Universe

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



23.4945, 0.3151, 0.2792



38.8792, 0.3156, 0.2674



26.8619, 0.3477, 0.3548



6.3236, 0.3137, 0.3071



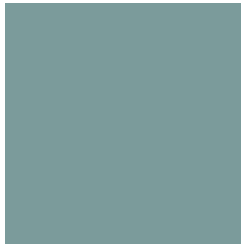
7.4973, 0.3210, 0.1542



0.1121, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 30.0202, 0.2827, 0.3289 looks on a white background.

Color Contrast Check

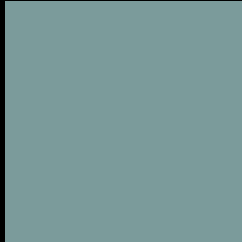
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0202, 0.2827, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

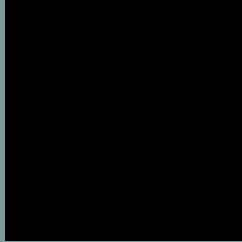
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

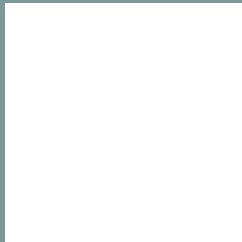
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.0202, 0.2827, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 30.0202, 0.2827, 0.3289.



This preview shows how white text looks on a background with the Yxy color 30.0202, 0.2827, 0.3289.

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

30.0202, 0.2827, 0.3289

Protanopia

29.8982, 0.3119, 0.3243

Deuteranopia

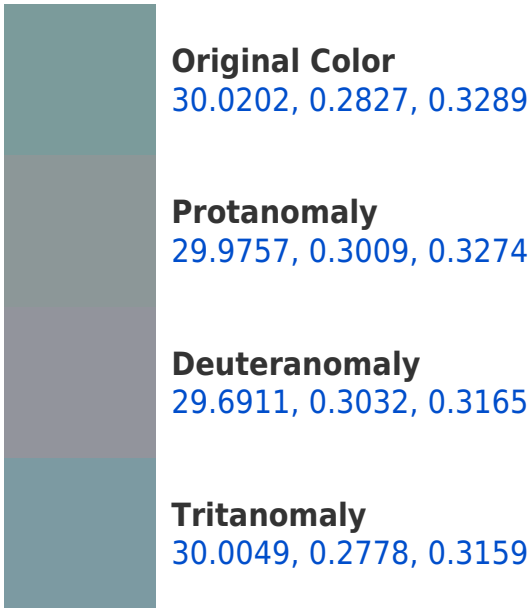
29.7518, 0.3157, 0.3094



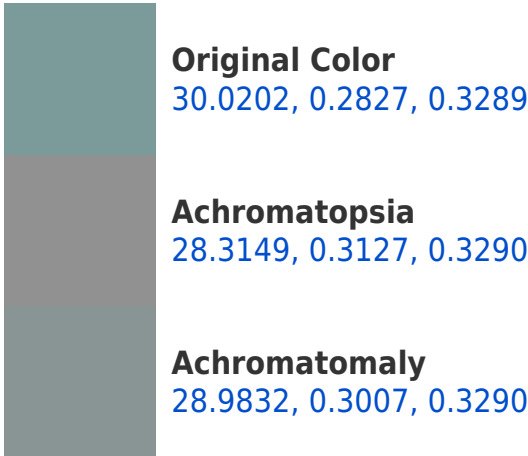
Tritanopia

29.8956, 0.2754, 0.3080

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0202, 0.2827, 0.3289 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(123, 155, 155) looks like.

```
.text, #text, p{  
    color:rgb(123, 155, 155)  
}
```

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(123, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 155, 155) }
```

Border

The CSS property to change the border of an element to Yxy 30.0202, 0.2827, 0.3289 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(123, 155, 155) }
```

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

```
.border{ border-color:rgb(123, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(123, 155,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0202, 0.2827, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 155, 155) }
```

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

```
.background{ background-color: rgb(123,  
155, 155) }
```

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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