

Converting Colors

$Y_{xy}(28.5740, 0.2913, 0.3400)$

Have a look what the booklet for
Yxy(28.5740, 0.2913, 0.3400)
contains.

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Color

$Y_{xy}(28.3885, 0.2908, 0.3391)$

Conversions

Conversions Part 1

Format	Color
Hex	7B9791
RGB	123, 151, 145
RGB Percent	48%, 59%, 57%
CMY	0.5177, 0.4078, 0.4314
CMYK	0.19, 0.00, 0.04, 0.41
HSL	167°, 12%, 54%
HSV	167°, 19%, 59%
XYZ	24.3450, 28.3885, 30.9837
YIQ	141.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

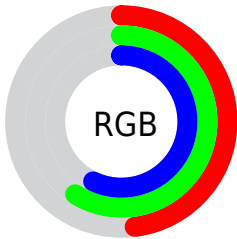
Format	Color
R_YB	123, 139, 151
Decimal	8099729
CIE _{Lab}	60.24, -11.08, -0.10
CIE _{LCh}	60, 11.077, 180.538
Yxy	28.3885, 0.2908, 0.3391
Android (android.graphics.Color)	4286289809 (0xFF7B9791)
YUV	141.9440, 1.5066, -16.6139
Hunter-Lab	53.2809, -11.6817, 2.8185

Details

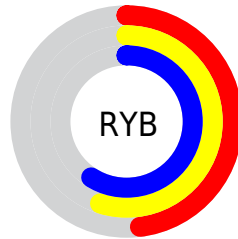
The Yxy color **28.3885, 0.2908, 0.3391** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3293, 0.3403, 0.3192**, and the grayscale version is **27.0253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0163, 0.2953, 0.3365**, and **11.3964, 0.2831, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **27.2622, 0.2799, 0.3453**, and if you desaturate by 10%, it is **29.6918, 0.3024, 0.3334**.

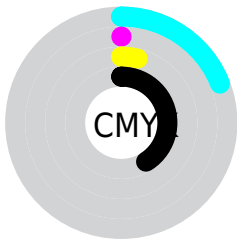
Distribution



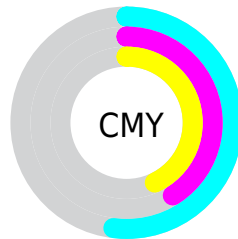
- Red (48%)
- Green (59%)
- Blue (57%)



- Red (48%)
- Yellow (55%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.3885, 0.2908, 0.3391 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 28.3885, 0.2908, 0.3391 by changing the saturation by 10% instead.

■ 28.3885, 0.2908,
0.3391

■ 28.3885, 0.2908,
0.3391

■ 294.3187, 0.3027,
0.3337

■ 18.6187, 0.2875,
0.3406

■ 57.1041, 0.2953,
0.3370

■ 11.3951, 0.2830,
0.3427

■ 76.8187, 0.2970,
0.3363

■ 6.3332, 0.2767,
0.3456

■ 100.6171, 0.2983,
0.3356

■ 3.0488, 0.2669,
0.3501

■ 128.8836, 0.2995,
0.3351

■ 1.1572, 0.2496,
0.3580

■ 162.0026, 0.3004,
0.3347

■ 0.0264, 0.0000,
0.4229

■ 200.3585, 0.3013,

■ 0.0000, 0.0000,

0.3343

0.0000

244.3357, 0.3020,
0.3340

■ 28.3885, 0.2908,
0.3391

■ 28.3885, 0.2908,
0.3391

■ 27.2622, 0.2799,
0.3453

■ 29.6918, 0.3024,
0.3334

■ 26.3014, 0.2701,
0.3519

■ 31.1760, 0.3145,
0.3283

■ 25.4989, 0.2615,
0.3589

■ 32.8491, 0.3268,
0.3236

■ 24.8455, 0.2544,
0.3662

■ 34.7177, 0.3392,
0.3195

■ 24.3309, 0.2491,
0.3738

■ 36.7881, 0.3515,
0.3158

■ 23.9436, 0.2456,
0.3815

■ 39.0662, 0.3635,
0.3126

■ 23.6702, 0.2440,
0.3892

■ 41.5578, 0.3752,
0.3098

■ 23.4832, 0.2439,
0.3969

■ 44.2684, 0.3864,
0.3074

■ 23.4578, 0.2439,
0.3980

■ 46.4562, 0.3936,
0.3050

Harmonies

Analogous

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



28.3885, 0.3073, 0.3536



28.3885, 0.2908, 0.3391



28.3885, 0.2802, 0.3221

Triad

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



28.3885, 0.2908, 0.3391



28.3885, 0.2991, 0.2991



28.3885, 0.3485, 0.3491

Complementary

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



28.3885, 0.2908, 0.3391



22.3293, 0.3403, 0.3192

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.



28.3885, 0.3463, 0.3344



28.3885, 0.2908, 0.3391



28.3885, 0.3173, 0.3061

Square

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



28.3885, 0.2908, 0.3391



28.3885, 0.2849, 0.2995



28.3885, 0.3348, 0.3189



28.3885, 0.3409, 0.3590

Rectangle

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



28.3885, 0.2908, 0.3391



28.3885, 0.2778, 0.3119



28.3885, 0.3348, 0.3189



28.3885, 0.3489, 0.3445

Sweetspot

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



28.3897, 0.2908, 0.3391



53.7858, 0.3053, 0.3321



28.2368, 0.3166, 0.3771



12.1908, 0.3046, 0.3324



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.



28.3897, 0.2908, 0.3391



50.0168, 0.2865, 0.3414



26.1106, 0.2850, 0.3154



7.0039, 0.3016, 0.3338



19.9590, 0.2438, 0.3975



0.3034, 0.2343, 0.3634

Inverse Universe

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



22.3293, 0.3403, 0.3192



37.2388, 0.3476, 0.3170



24.2237, 0.3453, 0.3422



6.2433, 0.3251, 0.3243



5.6913, 0.5986, 0.3071



0.0897, 0.5016, 0.2537

Previews

White Background



This preview shows how the Yxy color 28.3885, 0.2908, 0.3391 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 28.3885, 0.2908, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

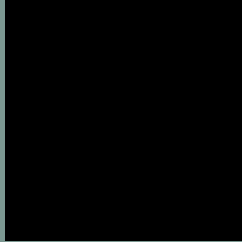
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

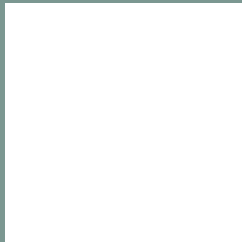
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.3885, 0.2908, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 28.3885, 0.2908, 0.3391.



This preview shows how white text looks on a background with the Yxy color 28.3885, 0.2908, 0.3391.

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

28.3885, 0.2908, 0.3391

Protanopia

28.1655, 0.3199, 0.3338

Deuteranopia

28.1319, 0.3252, 0.3182



Tritanopia

28.5037, 0.2798, 0.3093

Trichromacy



Original Color

28.3885, 0.2908, 0.3391

Protanomaly

28.3094, 0.3092, 0.3372

Deuteranomaly

28.0416, 0.3118, 0.3258

Tritanomaly

28.5392, 0.2840, 0.3206

Monochromacy



Original Color

28.3885, 0.2908, 0.3391

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.3849, 0.3043, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3885, 0.2908, 0.3391 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, 151, 145)` looks like.

```
.text, #text, p{  
    color:rgb(123, 151, 145)  
}
```

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, 151, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 151, 145) }
```

Border

The CSS property to change the border of an element to Yxy 28.3885, 0.2908, 0.3391 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, 151, 145) }
```

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

```
.border{ border-color:rgb(123, 151, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 151, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 151, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 151, 145); box-shadow:4px 4px 4px 4px rgb(123, 151, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3885, 0.2908, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 151, 145) }
```

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

```
.background{ background-color: rgb(123,  
151, 145) }
```

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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