

Converting Colors

$Y_{xy}(19.9778, 0.2827, 0.2976)$

Have a look what the booklet for
Yxy(19.9778, 0.2827, 0.2976)
contains.

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Color

Yxy(19.9158, 0.2833, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	727C8D
RGB	114, 124, 141
RGB Percent	45%, 49%, 55%
CMY	0.5528, 0.5138, 0.4470
CMYK	0.19, 0.12, 0.00, 0.45
HSL	218°, 11%, 50%
HSV	218°, 19%, 55%
XYZ	18.9588, 19.9158, 28.0467
YIQ	122.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

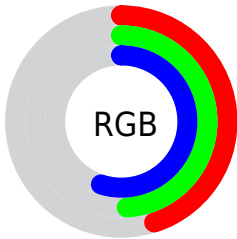
Format	Color
R_{YB}	114, 121, 141
Decimal	7502989
CIE Lab	51.74, 0.15, -10.46
CIE LCh	52, 10.459, 270.829
Yxy	19.9158, 0.2833, 0.2976
Android (android.graphics.Color)	4285693069 (0xFF727C8D)
YUV	122.9480, 8.8996, -7.8474
Hunter-Lab	44.6271, -2.2658, -6.0229

Details

The Yxy color **19.9158, 0.2833, 0.2976** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.1264, 0.3434, 0.3585**, and the grayscale version is **19.7646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0978, 0.2895, 0.3035**, and **6.9457, 0.2716, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **16.9123, 0.2668, 0.2785**, and if you desaturate by 10%, it is **23.2680, 0.2991, 0.3149**.

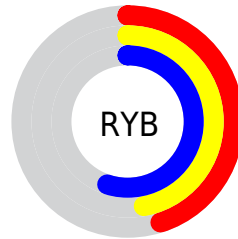
Distribution



Red (45%)

Green (49%)

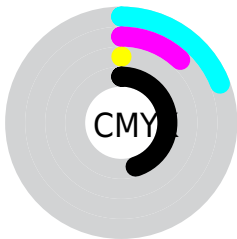
Blue (55%)



Red (45%)

Yellow (47%)

Blue (55%)

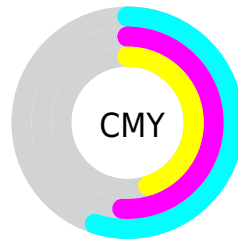


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.9158, 0.2833, 0.2976 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 19.9158, 0.2833, 0.2976 by changing the saturation by 10% instead.

■ 19.9158, 0.2833,
0.2976

■ 19.9158, 0.2833,
0.2976

■ 251.4589, 0.3000,
0.3154

■ 12.3339, 0.2783,
0.2923

■ 43.2760, 0.2899,
0.3047

■ 6.9715, 0.2713,
0.2848

■ 59.8230, 0.2922,
0.3071

■ 3.4443, 0.2607,
0.2735

■ 80.1271, 0.2941,
0.3092

■ 1.3678, 0.2431,
0.2548

■ 104.5728, 0.2957,
0.3108

■ 0.1928, 0.1416,
0.1460

■ 133.5445, 0.2970,
0.3122

■ 0.0000, 0.0000,
0.0000

167.4264, 0.2982,

0.3135

206.6031, 0.2991,
0.3145

■ 19.9158, 0.2833,
0.2976

■ 19.9158, 0.2833,
0.2976

■ 16.9123, 0.2668,
0.2785

■ 23.2680, 0.2991,
0.3149

■ 14.2430, 0.2498,
0.2577

■ 26.9776, 0.3140,
0.3303

■ 11.8962, 0.2328,
0.2354

■ 31.0564, 0.3278,
0.3440

■ 9.8581, 0.2163,
0.2121

■ 35.5146, 0.3406,
0.3560

■ 8.1141, 0.2010,
0.1883

■ 40.3621, 0.3524,
0.3666

■ 6.6481, 0.1875,
0.1650

■ 45.6084, 0.3631,
0.3758

■ 5.4420, 0.1765,
0.1430

■ 51.2627, 0.3729,
0.3839

■ 4.4609, 0.1678,
0.1229

■ 57.3337, 0.3818,
0.3910

■ 4.3828, 0.1670,
0.1212

■ 63.8302, 0.3899,
0.3971

Harmonies

Analogous

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



19.9158, 0.2760, 0.3062



19.9158, 0.2833, 0.2976



19.9158, 0.2984, 0.2973

Triad

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



19.9158, 0.2833, 0.2976



19.9158, 0.3485, 0.3348



19.9158, 0.3068, 0.3551

Complementary

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



19.9158, 0.2833, 0.2976



23.1264, 0.3434, 0.3585

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.



19.9158, 0.3263, 0.3629



19.9158, 0.2833, 0.2976



19.9158, 0.3508, 0.3504

Square

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



19.9158, 0.2833, 0.2976



19.9158, 0.3363, 0.3184



19.9158, 0.3425, 0.3609



19.9158, 0.2893, 0.3396

Rectangle

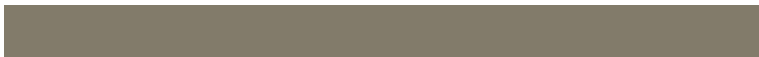
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



19.9158, 0.2833, 0.2976



19.9158, 0.3112, 0.3016



19.9158, 0.3425, 0.3609



19.9158, 0.3133, 0.3587

Sweetspot

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



19.9166, 0.2833, 0.2976



43.5868, 0.3037, 0.3197



24.2617, 0.2945, 0.3478



9.6558, 0.3028, 0.3188



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.9166, 0.2833, 0.2976



33.2385, 0.2762, 0.2895



17.7615, 0.2859, 0.2792



5.5607, 0.2990, 0.3148



4.0243, 0.1672, 0.1219



0.0781, 0.1902, 0.2046

Inverse Universe

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



19.1619, 0.3358, 0.3117



31.7335, 0.3423, 0.3075



25.6591, 0.3368, 0.3754



5.4549, 0.3227, 0.3209



5.3926, 0.5439, 0.2770



0.0556, 0.4401, 0.2198

Previews

White Background



This preview shows how the Yxy color 19.9158, 0.2833, 0.2976 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 19.9158, 0.2833, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

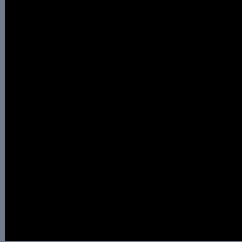
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

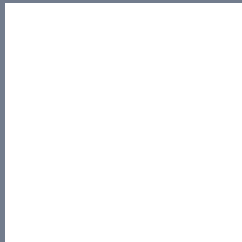
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.9158, 0.2833, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 19.9158, 0.2833, 0.2976.



This preview shows how white text looks on a background with the Yxy color 19.9158, 0.2833, 0.2976.

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

19.9158, 0.2833, 0.2976

Protanopia

19.8056, 0.2908, 0.2963

Deuteranopia

19.8216, 0.2955, 0.2899



Tritanopia

19.9272, 0.2883, 0.3102

Trichromacy



Original Color

19.9158, 0.2833, 0.2976

Protanomaly

19.9109, 0.2886, 0.2979

Deuteranomaly

19.7653, 0.2909, 0.2912

Tritanomaly

19.9841, 0.2863, 0.3066

Monochromacy



Original Color

19.9158, 0.2833, 0.2976

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.7707, 0.3014, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9158, 0.2833, 0.2976 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(114, 124, 141)` looks like.

```
.text, #text, p{  
    color:rgb(114, 124, 141)  
}
```

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(114, 124, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 124, 141) }
```

Border

The CSS property to change the border of an element to Yxy 19.9158, 0.2833, 0.2976 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(114, 124, 141) }
```

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

```
.border{ border-color:rgb(114, 124, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 124, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 124, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 124, 141);  
box-shadow:4px 4px 4px 4px rgb(114, 124,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9158, 0.2833, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 124, 141) }
```

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

```
.background{ background-color: rgb(114,  
124, 141) }
```

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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