

Converting Colors

$Yxy(41.1328, 0.2848, 0.3163)$

Have a look what the booklet for
Yxy(41.1328, 0.2848, 0.3163)
contains.

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Color

Yxy(41.1328, 0.2848, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	97B0B9
RGB	151, 176, 185
RGB Percent	59%, 69%, 73%
CMY	0.4080, 0.3097, 0.2746
CMYK	0.18, 0.05, 0.00, 0.27
HSL	196°, 20%, 66%
HSV	196°, 18%, 73%
XYZ	37.0364, 41.1328, 51.8744
YIQ	169.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

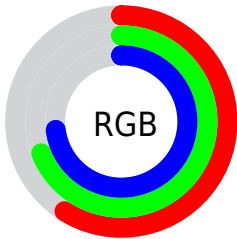
Format	Color
R_{YB}	151, 165, 185
Decimal	9941177
CIE _{Lab}	70.27, -6.65, -7.47
CIE _{LCh}	70, 9.995, 228.322
Yxy	41.1328, 0.2848, 0.3163
Android (android.graphics.Color)	4288131257 (0xFF97B0B9)
YUV	169.5510, 7.6164, -16.2692
Hunter-Lab	64.1349, -9.1563, -3.0613

Details

The Yxy color **41.1328, 0.2848, 0.3163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6572, 0.3457, 0.3414**, and the grayscale version is **39.9281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1859, 0.2903, 0.3192**, and **18.7906, 0.2771, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **37.6252, 0.2700, 0.3085**, and if you desaturate by 10%, it is **44.9900, 0.2999, 0.3235**.

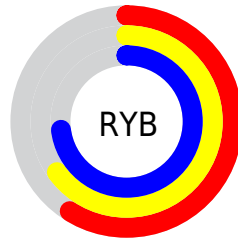
Distribution



Red (59%)

Green (69%)

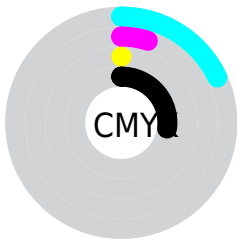
Blue (73%)



Red (59%)

Yellow (65%)

Blue (73%)

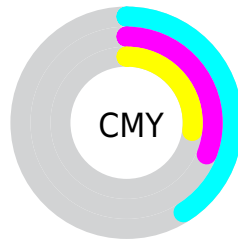


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (41%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1328, 0.2848, 0.3163 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 41.1328, 0.2848, 0.3163 by changing the saturation by 10% instead.


 41.1328, 0.2848,
0.3163


 41.1328, 0.2848,
0.3163


350.8753, 0.2989,
0.3229

 28.4229, 0.2812,
0.3146


 76.8854, 0.2900,
0.3188

 18.6447, 0.2766,
0.3123


 100.6970, 0.2919,
0.3197

 11.4138, 0.2704,
0.3092


128.9778, 0.2935,
0.3204

 6.3459, 0.2616,
0.3046

162.1123, 0.2949,
0.3211

 3.0565, 0.2482,
0.2975

200.4849, 0.2961,
0.3216

 1.1613, 0.2256,
0.2846

244.4800, 0.2972,

 0.0298, 0.0000,

0.3221

0.0510

294.4820, 0.2981,
0.3225

0.0000, 0.0000,
0.0000

41.1328, 0.2848,
0.3163

41.1328, 0.2848,
0.3163

37.6252, 0.2700,
0.3085

44.9900, 0.2999,
0.3235

34.4485, 0.2559,
0.3000

49.2046, 0.3152,
0.3300

31.5898, 0.2427,
0.2911

53.7902, 0.3302,
0.3359

29.0331, 0.2308,
0.2817

58.7583, 0.3449,
0.3411

26.7607, 0.2206,
0.2720

64.1198, 0.3591,
0.3457

■ 24.7530, 0.2122,
0.2622

■ 68.5446, 0.3672,
0.3501

■ 22.9866, 0.2057,
0.2524

■ 70.9158, 0.3659,
0.3551

■ 21.4239, 0.2010,
0.2428

■ 73.3602, 0.3646,
0.3600

■ 21.1830, 0.2003,
0.2412

■ 75.8786, 0.3633,
0.3648

Harmonies

Analogous

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



41.1328, 0.2894, 0.3291



41.1328, 0.2848, 0.3163



41.1328, 0.2874, 0.3074

Triad

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



41.1328, 0.2848, 0.3163



41.1328, 0.3250, 0.3163



41.1328, 0.3286, 0.3546

Complementary

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



41.1328, 0.2848, 0.3163



37.6572, 0.3457, 0.3414

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.



41.1328, 0.3385, 0.3504



41.1328, 0.2848, 0.3163



41.1328, 0.3365, 0.3283

Square

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



41.1328, 0.2848, 0.3163



41.1328, 0.3104, 0.3077



41.1328, 0.3415, 0.3407



41.1328, 0.3145, 0.3517

Rectangle

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



41.1328, 0.2848, 0.3163



41.1328, 0.2930, 0.3047



41.1328, 0.3415, 0.3407



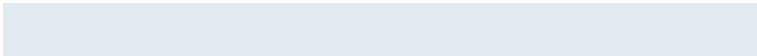
41.1328, 0.3325, 0.3540

Sweetspot

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



41.1345, 0.2848, 0.3163



82.2724, 0.3034, 0.3250



43.7836, 0.3040, 0.3657



17.6342, 0.3025, 0.3246



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.1345, 0.2848, 0.3163



71.1237, 0.2789, 0.3133



35.0319, 0.2835, 0.2922



9.7995, 0.2985, 0.3228



14.5510, 0.2007, 0.2424



0.6081, 0.2076, 0.2673

Inverse Universe

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



35.5656, 0.3232, 0.2955



59.4796, 0.3259, 0.2880



43.7812, 0.3419, 0.3633



9.1213, 0.3177, 0.3123



8.2513, 0.3998, 0.1976



0.3005, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 41.1328, 0.2848, 0.3163 looks on a white background.

Color Contrast Check

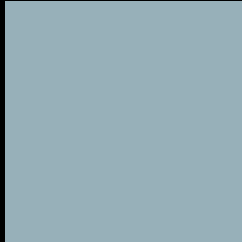
Large Text (above 18pt) WCAG AA × Fail

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 41.1328, 0.2848, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

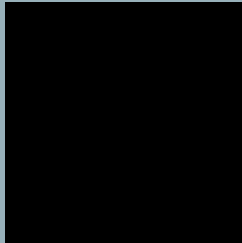
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

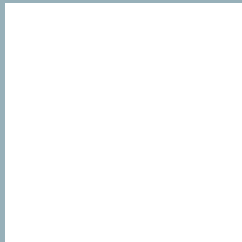
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1328, 0.2848, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 41.1328, 0.2848, 0.3163.



This preview shows how white text looks on a background with the Yxy color 41.1328, 0.2848, 0.3163.

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

41.1328, 0.2848, 0.3163

Protanopia

40.8975, 0.3046, 0.3127

Deuteranopia

41.0490, 0.3085, 0.3027



Tritanopia

41.0095, 0.2826, 0.3094

Trichromacy



Original Color

41.1328, 0.2848, 0.3163

Protanomaly

40.8165, 0.2968, 0.3138

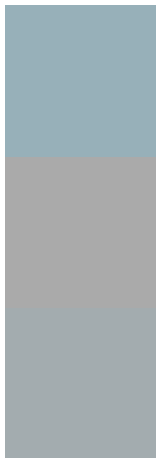
Deuteranomaly

40.8407, 0.2996, 0.3073

Tritanomaly

40.9662, 0.2833, 0.3107

Monochromacy



Original Color

41.1328, 0.2848, 0.3163

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3867, 0.3023, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1328, 0.2848, 0.3163 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(151, 176, 185)` looks like.

```
.text, #text, p{  
    color:rgb(151, 176, 185)  
}
```

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(151, 176, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 176, 185) }
```

Border

The CSS property to change the border of an element to Yxy 41.1328, 0.2848, 0.3163 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(151, 176, 185) }
```

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

```
.border{ border-color:rgb(151, 176, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 176, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(151, 176,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1328, 0.2848, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 176, 185) }
```

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

```
.background{ background-color: rgb(151,  
176, 185) }
```

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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