

Converting Colors

$Y_{xy}(21.5579, 0.2885, 0.2982)$

Have a look what the booklet for
Yxy(21.5579, 0.2885, 0.2982)
contains.

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Color

Yxy(21.6203, 0.2883, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	7A8091
RGB	122, 128, 145
RGB Percent	48%, 50%, 57%
CMY	0.5216, 0.4980, 0.4314
CMYK	0.16, 0.12, 0.00, 0.43
HSL	224°, 9%, 52%
HSV	224°, 16%, 57%
XYZ	20.8536, 21.6203, 29.8590
YIQ	128.1440, -9.0330, 4.0150

Conversions

Conversions Part 2

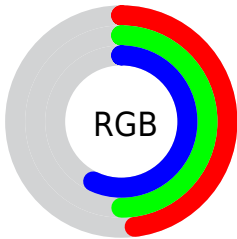
Format	Color
RYB	122, 127, 145
Decimal	8028305
CIELab	53.62, 1.47, -9.90
CIELCh	54, 10.009, 278.464
Yxy	21.6203, 0.2883, 0.2989
Android (android.graphics.Color)	4286218385 (0xFF7A8091)
YUV	128.1440, 8.3100, -5.3883
Hunter-Lab	46.4976, -1.3160, -5.5254

Details

The Yxy color **21.6203, 0.2883, 0.2989** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8792, 0.3372, 0.3574**, and the grayscale version is **21.6114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2852, 0.2940, 0.3057**, and **7.8347, 0.2779, 0.2861** is the 20% darker color. If you saturate the color by 10%, you get **17.9944, 0.2714, 0.2770**, and if you desaturate by 10%, it is **25.7004, 0.3041, 0.3185**.

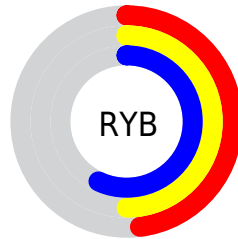
Distribution



Red (48%)

Green (50%)

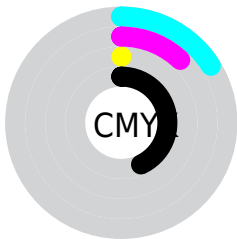
Blue (57%)



Red (48%)

Yellow (50%)

Blue (57%)

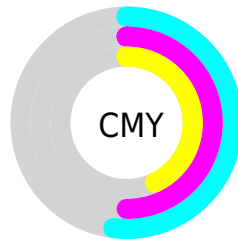


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (43%)



Cyan (52%)

Magenta (50%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.6203, 0.2883, 0.2989 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 21.6203, 0.2883, 0.2989 by changing the saturation by 10% instead.

■ 21.6203, 0.2883,
0.2989

■ 21.6203, 0.2883,
0.2989

260.5569, 0.3020,
0.3157

■ 13.5782, 0.2843,
0.2940

■ 46.1176, 0.2937,
0.3055

■ 7.8279, 0.2786,
0.2872

■ 63.3416, 0.2956,
0.3078

■ 3.9850, 0.2702,
0.2771

■ 84.3950, 0.2972,
0.3097

■ 1.6652, 0.2564,
0.2607

109.6622, 0.2985,
0.3113

■ 0.4010, 0.2132,
0.2050

139.5276, 0.2996,
0.3127

■ 0.0000, 0.0000,
0.0000

174.3756, 0.3005,

0.3139

214.5906, 0.3013,
0.3149

■ 21.6203, 0.2883,
0.2989

■ 21.6203, 0.2883,
0.2989

■ 17.9944, 0.2714,
0.2770

■ 25.7004, 0.3041,
0.3185

■ 14.8039, 0.2537,
0.2530

■ 30.2472, 0.3185,
0.3359

■ 12.0327, 0.2354,
0.2272

■ 35.2762, 0.3317,
0.3512

■ 9.6627, 0.2174,
0.2003

■ 40.8011, 0.3437,
0.3647

■ 7.6741, 0.2003,
0.1730

■ 46.8353, 0.3545,
0.3763

■ 6.0455, 0.1850,
0.1467

■ 53.3916, 0.3641,
0.3865

■ 4.7532, 0.1724,
0.1225

■ 60.4822, 0.3728,
0.3954

■ 3.7670, 0.1630,
0.1018

■ 68.1191, 0.3806,
0.4031

■ 3.4289, 0.1595,
0.0943

■ 76.3138, 0.3876,
0.4099

Harmonies

Analogous

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



21.6203, 0.2794, 0.3050



21.6203, 0.2883, 0.2989



21.6203, 0.3038, 0.3006

Triad

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



21.6203, 0.2883, 0.2989



21.6203, 0.3475, 0.3384



21.6203, 0.3027, 0.3501

Complementary

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



21.6203, 0.2883, 0.2989



25.8792, 0.3372, 0.3574

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.



21.6203, 0.3209, 0.3595



21.6203, 0.2883, 0.2989



21.6203, 0.3471, 0.3521

Square

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



21.6203, 0.2883, 0.2989



21.6203, 0.3383, 0.3229



21.6203, 0.3372, 0.3600



21.6203, 0.2876, 0.3346

Rectangle

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



21.6203, 0.2883, 0.2989



21.6203, 0.3160, 0.3057



21.6203, 0.3372, 0.3600



21.6203, 0.3087, 0.3541

Sweetspot

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



21.6212, 0.2883, 0.2989



46.6244, 0.3052, 0.3199



26.2449, 0.2950, 0.3396



10.2643, 0.3043, 0.3188



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



21.6212, 0.2883, 0.2989



36.3431, 0.2825, 0.2914



20.4979, 0.2939, 0.2887



5.4705, 0.2990, 0.3123



2.9792, 0.1598, 0.0953



0.0603, 0.1809, 0.1713

Inverse Universe

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



21.4926, 0.3342, 0.3188



36.1300, 0.3400, 0.3165



27.1963, 0.3298, 0.3677



5.4458, 0.3243, 0.3233



5.2871, 0.5830, 0.2985



0.0538, 0.4791, 0.2413

Previews

White Background



This preview shows how the Yxy color 21.6203, 0.2883, 0.2989 looks on a white background.

Color Contrast Check

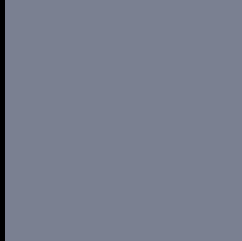
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6203, 0.2883, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

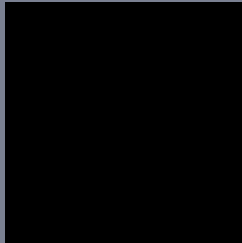
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6203, 0.2883, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 21.6203, 0.2883, 0.2989.



This preview shows how white text looks on a background with the Yxy color 21.6203, 0.2883, 0.2989.

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

21.6203, 0.2883, 0.2989

Protanopia

21.5523, 0.2925, 0.2991

Deuteranopia

21.6481, 0.2982, 0.2930



Tritanopia

21.6295, 0.2932, 0.3110

Trichromacy



Original Color

21.6203, 0.2883, 0.2989

Protanomaly

21.4774, 0.2914, 0.2990

Deuteranomaly

21.5862, 0.2938, 0.2942

Tritanomaly

21.6885, 0.2912, 0.3075

Monochromacy



Original Color

21.6203, 0.2883, 0.2989

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.5952, 0.3040, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6203, 0.2883, 0.2989 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(122, 128, 145)` looks like.

```
.text, #text, p{  
    color:rgb(122, 128, 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(122, 128, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 128, 145) }
```

Border

The CSS property to change the border of an element to Yxy 21.6203, 0.2883, 0.2989 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(122, 128, 145) }
```

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

```
.border{ border-color:rgb(122, 128, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 128, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 128, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 128, 145);  
box-shadow:4px 4px 4px 4px rgb(122, 128,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6203, 0.2883, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 128, 145) }
```

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

```
.background{ background-color: rgb(122,  
128, 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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