

Converting Colors

$Y_{xy}(23.4843, 0.2713, 0.2784)$

Have a look what the booklet for
Yxy(23.4843, 0.2713, 0.2784)
contains.

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Color

Yxy(23.4843, 0.2713, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	7985A3
RGB	121, 133, 163
RGB Percent	47%, 52%, 64%
CMY	0.5255, 0.4784, 0.3607
CMYK	0.26, 0.18, 0.00, 0.36
HSL	223°, 19%, 56%
HSV	223°, 26%, 64%
XYZ	22.8854, 23.4843, 37.9848
YIQ	132.8320, -16.7820, 6.7860

Conversions

Conversions Part 2

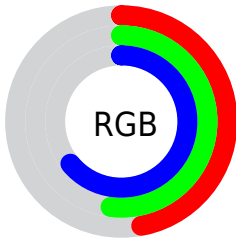
Format	Color
R_{YB}	121, 130, 163
Decimal	7964067
CIE _{Lab}	55.57, 2.58, -17.40
CIE _{LCh}	56, 17.590, 278.427
Yxy	23.4843, 0.2713, 0.2784
Android (android.graphics.Color)	4286154147 (0xFF7985A3)
YUV	132.8320, 14.8728, -10.3767
Hunter-Lab	48.4606, -0.5099, -12.5508




Details

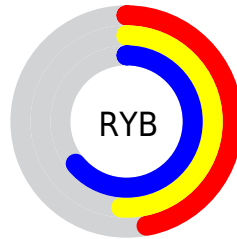
The Yxy color **23.4843, 0.2713, 0.2784** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.3110, 0.3548, 0.3749**, and the grayscale version is **23.3418, 0.3127, 0.3290**.




A 20% lighter version of the original color is **49.1784, 0.2801, 0.2890**, and **8.8279, 0.2559, 0.2615** is the 20% darker color. If you saturate the color by 10%, you get **19.3904, 0.2535, 0.2549**, and if you desaturate by 10%, it is **28.1329, 0.2883, 0.2998**.

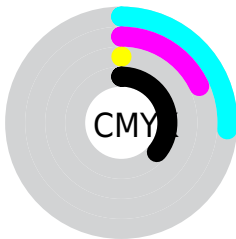
Distribution







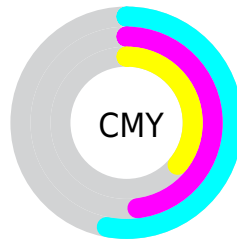
-  Red (47%)
-  Green (52%)
-  Blue (64%)






-  Red (47%)
-  Yellow (51%)
-  Blue (64%)



-  Cyan (26%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (36%)



-  Cyan (53%)
-  Magenta (48%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.4843, 0.2713, 0.2784 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 23.4843, 0.2713, 0.2784 by changing the saturation by 10% instead.

■ 23.4843, 0.2713,
0.2784

■ 23.4843, 0.2713,
0.2784

270.2028, 0.2942,
0.3061

■ 14.9515, 0.2648,
0.2706

■ 49.1873, 0.2802,
0.2891

■ 8.7854, 0.2559,
0.2601

■ 67.1264, 0.2833,
0.2929

■ 4.6015, 0.2430,
0.2450

■ 88.9696, 0.2859,
0.2961

■ 2.0154, 0.2230,
0.2218

115.1015, 0.2881,
0.2987

■ 0.6164, 0.1865,
0.1772

145.9063, 0.2900,
0.3010

■ 0.0000, 0.0000,
0.0000

181.7686, 0.2916,

0.3029

223.0726, 0.2930,
0.3046

■ 23.4843, 0.2713,
0.2784

■ 23.4843, 0.2713,
0.2784

■ 19.3904, 0.2535,
0.2549

■ 28.1329, 0.2883,
0.2998

■ 15.8269, 0.2354,
0.2297

■ 33.3535, 0.3041,
0.3189

■ 12.7718, 0.2175,
0.2032

■ 39.1665, 0.3188,
0.3359

■ 10.2002, 0.2005,
0.1764

■ 45.5900, 0.3321,
0.3509

■ 8.0850, 0.1855,
0.1504

■ 52.6415, 0.3443,
0.3640

■ 6.3962, 0.1731,
0.1265

■ 60.3379, 0.3553,
0.3754

■ 5.0972, 0.1639,
0.1057

■ 68.6951, 0.3651,
0.3853

■ 4.6405, 0.1605,
0.0979

■ 77.7287, 0.3740,
0.3940

■ 84.9601, 0.3728,
0.4041

Harmonies

Analogous

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



23.4843, 0.2568, 0.2879



23.4843, 0.2713, 0.2784



23.4843, 0.2971, 0.2816

Triad

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



23.4843, 0.2713, 0.2784



23.4843, 0.3726, 0.3439



23.4843, 0.2953, 0.3658

Complementary

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



23.4843, 0.2713, 0.2784



31.3110, 0.3548, 0.3749

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.



23.4843, 0.3260, 0.3822



23.4843, 0.2713, 0.2784



23.4843, 0.3716, 0.3674

Square

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



23.4843, 0.2713, 0.2784



23.4843, 0.3566, 0.3182



23.4843, 0.3542, 0.3821



23.4843, 0.2700, 0.3382

Rectangle

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



23.4843, 0.2713, 0.2784



23.4843, 0.3179, 0.2901



23.4843, 0.3542, 0.3821



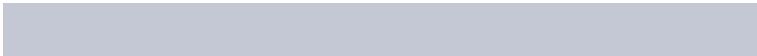
23.4843, 0.3053, 0.3729

Sweetspot

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



23.4852, 0.2713, 0.2784



57.4011, 0.3004, 0.3146



32.4815, 0.2855, 0.3496



12.5802, 0.2982, 0.3119



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



23.4852, 0.2713, 0.2784



37.6761, 0.2611, 0.2650



21.0211, 0.2782, 0.2592



7.1740, 0.2987, 0.3125



3.6748, 0.1610, 0.0995



0.1538, 0.1806, 0.1701

Inverse Universe

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



23.1586, 0.3508, 0.3104



37.2228, 0.3625, 0.3059



34.5118, 0.3421, 0.3936



7.1177, 0.3242, 0.3226



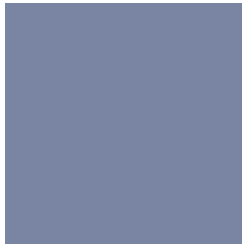
6.2151, 0.5767, 0.2950



0.1383, 0.4805, 0.2421

Previews

White Background



This preview shows how the Yxy color 23.4843, 0.2713, 0.2784 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 23.4843, 0.2713, 0.2784 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

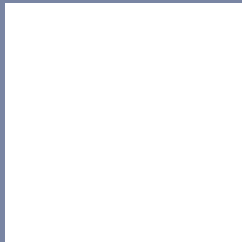
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.4843, 0.2713, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 23.4843, 0.2713, 0.2784.

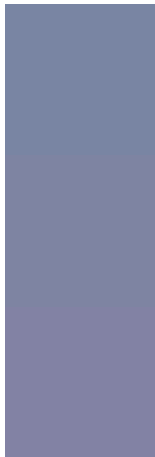


This preview shows how white text looks on a background with the Yxy color 23.4843, 0.2713, 0.2784.

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

23.4843, 0.2713, 0.2784

Protanopia

23.5468, 0.2769, 0.2789

Deuteranopia

23.3914, 0.2789, 0.2731



Tritanopia

23.5665, 0.2830, 0.3096

Trichromacy



Original Color

23.4843, 0.2713, 0.2784

Protanomaly

23.3962, 0.2749, 0.2786

Deuteranomaly

23.4250, 0.2760, 0.2743

Tritanomaly

23.5498, 0.2784, 0.2977

Monochromacy



Original Color

23.4843, 0.2713, 0.2784

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.4558, 0.2971, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4843, 0.2713, 0.2784 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(121, 133, 163)` looks like.

```
.text, #text, p{  
    color:rgb(121, 133, 163)  
}
```

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(121, 133, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 133, 163) }
```

Border

The CSS property to change the border of an element to Yxy 23.4843, 0.2713, 0.2784 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(121, 133, 163) }
```

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

```
.border{ border-color:rgb(121, 133, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 133, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 133, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 133, 163);  
box-shadow:4px 4px 4px 4px rgb(121, 133,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4843, 0.2713, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 133, 163) }
```

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

```
.background{ background-color: rgb(121,  
133, 163) }
```

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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