

Converting Colors

$Y_{xy}(21.0437, 0.3248, 0.2854)$

Have a look what the booklet for
Yxy(21.0437, 0.3248, 0.2854)
contains.

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Color

Yxy(21.0533, 0.3247, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	97748F
RGB	151, 116, 143
RGB Percent	59%, 45%, 56%
CMY	0.4079, 0.5450, 0.4393
CMYK	0.00, 0.23, 0.05, 0.41
HSL	314°, 14%, 52%
HSV	314°, 23%, 59%
XYZ	23.9608, 21.0533, 28.7795
YIQ	129.5430, 12.1930, 15.8170

Conversions

Conversions Part 2

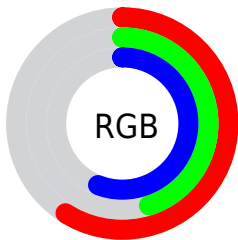
Format	Color
R _Y B	151, 116, 143
Decimal	9925775
CIE _{Lab}	53.01, 18.41, -9.37
CIE _{LCh}	53, 20.659, 333.017
Yxy	21.0533, 0.3247, 0.2853
Android (android.graphics.Color)	4288115855 (0xFF97748F)
YUV	129.5430, 6.6343, 18.8178
Hunter-Lab	45.8839, 12.9167, -5.0694

Details

The Yxy color $21.0533, 0.3247, 0.2853$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.2942, 0.3026, 0.3771$, and the grayscale version is $22.1263, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.1583, 0.3224, 0.2940$, and $7.5139, 0.3291, 0.2677$ is the 20% darker color. If you saturate the color by 10%, you get $17.7483, 0.3312, 0.2659$, and if you desaturate by 10%, it is $24.9291, 0.3190, 0.3046$.

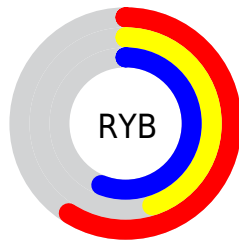
Distribution



Red (59%)

Green (45%)

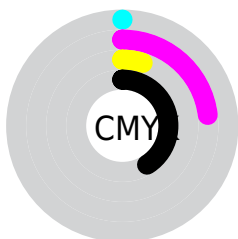
Blue (56%)



Red (59%)

Yellow (45%)

Blue (56%)

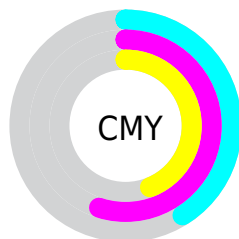


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (41%)



Cyan (41%)


Magenta (55%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0533, 0.3247, 0.2853 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 21.0533, 0.3247, 0.2853 by changing the saturation by 10% instead.


 21.0533, 0.3247,
0.2853


 21.0533, 0.3247,
0.2853


257.5616, 0.3183,
0.3093


 13.1630, 0.3265,
0.2785


 45.1762, 0.3223,
0.2946


 7.5409, 0.3288,
0.2692


 62.1776, 0.3214,
0.2979

 3.8026, 0.3321,
0.2558

 82.9848, 0.3206,
0.3006

 1.5638, 0.3370,
0.2348

 107.9822, 0.3200,
0.3029

 0.3330, 0.3617,
0.1572

137.5542, 0.3195,
0.3048

 0.0000, 0.0000,
0.0000

172.0851, 0.3190,

0.3065

211.9595, 0.3186,
0.3080

■ 21.0533, 0.3247,
0.2853

■ 21.0533, 0.3247,
0.2853

■ 17.7483, 0.3312,
0.2659

■ 24.9291, 0.3190,
0.3046

■ 14.9839, 0.3384,
0.2471

■ 29.3984, 0.3141,
0.3233

■ 12.7315, 0.3464,
0.2297

■ 34.4859, 0.3099,
0.3411

■ 10.9588, 0.3549,
0.2146

■ 40.2144, 0.3063,
0.3578

■ 9.6296, 0.3638,
0.2027

■ 46.6052, 0.3033,
0.3733

■ 8.7025, 0.3728,
0.1949

■ 53.6788, 0.3008,
0.3877

■ 8.1287, 0.3815,
0.1916

■ 61.4548, 0.2986,
0.4008

■ 7.8483, 0.3875,
0.1909

■ 69.9521, 0.2969,
0.4129

■ 79.1885, 0.2954,
0.4239

Harmonies

Analogous

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



21.0533, 0.2872, 0.2703



21.0533, 0.3247, 0.2853



21.0533, 0.3608, 0.3104

Triad

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



21.0533, 0.3247, 0.2853



21.0533, 0.3679, 0.3914



21.0533, 0.2464, 0.3104

Complementary

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



21.0533, 0.3247, 0.2853



27.2942, 0.3026, 0.3771

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.



21.0533, 0.2655, 0.3466



21.0533, 0.3247, 0.2853



21.0533, 0.3352, 0.3959

Square

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



21.0533, 0.3247, 0.2853



21.0533, 0.3863, 0.3703



21.0533, 0.2977, 0.3794



21.0533, 0.2439, 0.2825

Rectangle

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



21.0533, 0.3247, 0.2853



21.0533, 0.3782, 0.3304



21.0533, 0.2977, 0.3794



21.0533, 0.2510, 0.3220

Sweetspot

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



21.0542, 0.3247, 0.2853



49.3467, 0.3160, 0.3159



18.9831, 0.2831, 0.2676



11.1199, 0.3162, 0.3149



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.



21.0542, 0.3247, 0.2853



34.3939, 0.3281, 0.2748



20.5760, 0.3458, 0.3126



6.2995, 0.3170, 0.3120



6.6838, 0.3870, 0.1906



0.1052, 0.3528, 0.1717

Inverse Universe

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



21.0542, 0.3247, 0.2853



34.3939, 0.3281, 0.2748



27.7639, 0.2877, 0.3461



6.2995, 0.3170, 0.3120



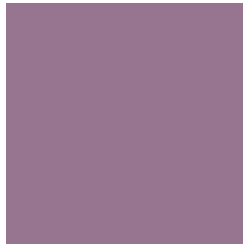
6.6838, 0.3870, 0.1906



0.1052, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 21.0533, 0.3247, 0.2853 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 21.0533, 0.3247, 0.2853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

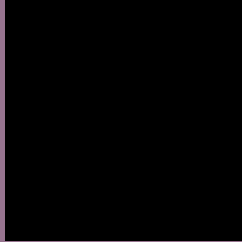
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0533, 0.3247, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 21.0533, 0.3247, 0.2853.



This preview shows how white text looks on a background with the Yxy color 21.0533, 0.3247, 0.2853.

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

21.0533, 0.3247, 0.2853

Protanopia

21.2292, 0.2842, 0.2886

Deuteranopia

21.0244, 0.3025, 0.2960



Tritanopia

21.1417, 0.3400, 0.3140

Trichromacy



Original Color

21.0533, 0.3247, 0.2853

Protanomaly

21.0122, 0.2983, 0.2862

Deuteranomaly

20.8749, 0.3108, 0.2917

Tritanomaly

21.1344, 0.3353, 0.3042

Monochromacy



Original Color

21.0533, 0.3247, 0.2853

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.8198, 0.3171, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0533, 0.3247, 0.2853 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, 116, 143)` looks like.

```
.text, #text, p{  
    color:rgb(151, 116, 143)  
}
```

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, 116, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 116, 143) }
```

Border

The CSS property to change the border of an element to Yxy 21.0533, 0.3247, 0.2853 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, 116, 143) }
```

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

```
.border{ border-color:rgb(151, 116, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 116, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 116, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 116, 143);  
box-shadow:4px 4px 4px 4px rgb(151, 116,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0533, 0.3247, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 116, 143) }
```

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

```
.background{ background-color: rgb(151,  
116, 143) }
```

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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