

Converting Colors

$Y_{xy}(21.5127, 0.3189, 0.2903)$

Have a look what the booklet for
Yxy(21.5127, 0.3189, 0.2903)
contains.

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Color

Yxy(21.6192, 0.3193, 0.2912)

Conversions

Conversions Part 1

Format	Color
Hex	93788F
RGB	147, 120, 143
RGB Percent	58%, 47%, 56%
CMY	0.4236, 0.5294, 0.4391
CMYK	0.00, 0.18, 0.03, 0.42
HSL	309°, 11%, 52%
HSV	309°, 18%, 58%
XYZ	23.7054, 21.6192, 28.9172
YIQ	130.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

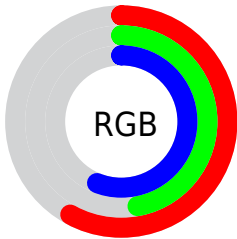
Format	Color
R_{YB}	147, 120, 143
Decimal	9664655
CIE _{Lab}	53.62, 14.64, -8.52
CIE _{LCh}	54, 16.941, 329.802
Yxy	21.6192, 0.3193, 0.2912
Android (android.graphics.Color)	4287854735 (0xFF93788F)
YUV	130.6950, 6.0664, 14.2995
Hunter-Lab	46.4965, 9.6363, -4.3262

Details

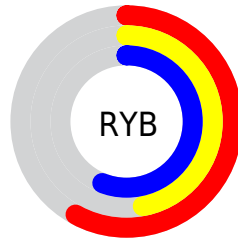
The Yxy color $21.6192, 0.3193, 0.2912$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $26.3096, 0.3068, 0.3700$, and the grayscale version is $22.5585, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.9538, 0.3177, 0.2984$, and $7.7836, 0.3208, 0.2758$ is the 20% darker color. If you saturate the color by 10%, you get $18.2868, 0.3236, 0.2701$, and if you desaturate by 10%, it is $25.4974, 0.3155, 0.3121$.

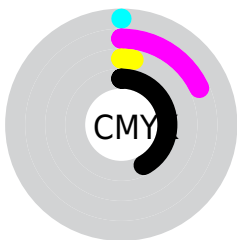
Distribution



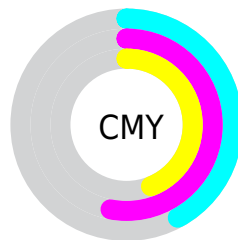
- Red (58%)
- Green (47%)
- Blue (56%)



- Red (58%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (42%)





- Cyan (42%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.6192, 0.3193, 0.2912 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 21.6192, 0.3193, 0.2912 by changing the saturation by 10% instead.


 21.6192, 0.3193,
0.2912


 21.6192, 0.3193,
0.2912


260.5511, 0.3158,
0.3120


 13.5774, 0.3202,
0.2853


 46.1158, 0.3180,
0.2992

 7.8273, 0.3214,
0.2772


 63.3394, 0.3175,
0.3021

 3.9846, 0.3230,
0.2656

 84.3923, 0.3171,
0.3045

 1.6650, 0.3253,
0.2471

109.6590, 0.3168,
0.3064

 0.4008, 0.3398,
0.1845

139.5238, 0.3165,
0.3081

 0.0000, 0.0000,
0.0000

174.3712, 0.3163,

0.3096

214.5855, 0.3160,
0.3108

■ 21.6192, 0.3193,
0.2912

■ 21.6192, 0.3193,
0.2912

■ 18.2868, 0.3236,
0.2701

■ 25.4974, 0.3155,
0.3121

■ 15.4728, 0.3283,
0.2493

■ 29.9418, 0.3122,
0.3323

■ 13.1514, 0.3333,
0.2296

■ 34.9750, 0.3093,
0.3514

■ 11.2939, 0.3387,
0.2121

■ 40.6176, 0.3068,
0.3693

■ 9.8681, 0.3443,
0.1974

■ 46.8893, 0.3047,
0.3859

■ 8.8381, 0.3498,
0.1865

■ 53.8088, 0.3029,
0.4012

■ 8.1620, 0.3551,
0.1798

■ 61.3940, 0.3014,
0.4152

■ 7.7537, 0.3602,
0.1767

■ 69.6622, 0.3001,
0.4280

■ 7.6919, 0.3611,
0.1763

■ 78.6301, 0.2991,
0.4396

Harmonies

Analogous

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



21.6192, 0.2891, 0.2799



21.6192, 0.3193, 0.2912



21.6192, 0.3490, 0.3114

Triad

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



21.6192, 0.3193, 0.2912



21.6192, 0.3601, 0.3787



21.6192, 0.2594, 0.3173

Complementary

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



21.6192, 0.3193, 0.2912



26.3096, 0.3068, 0.3700

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.



21.6192, 0.2767, 0.3465



21.6192, 0.3193, 0.2912



21.6192, 0.3346, 0.3834

Square

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



21.6192, 0.3193, 0.2912



21.6192, 0.3731, 0.3609



21.6192, 0.3040, 0.3716



21.6192, 0.2557, 0.2933

Rectangle

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



21.6192, 0.3193, 0.2912



21.6192, 0.3640, 0.3279



21.6192, 0.3040, 0.3716



21.6192, 0.2637, 0.3268

Sweetspot

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



21.6201, 0.3193, 0.2912



47.3592, 0.3147, 0.3167



19.7969, 0.2875, 0.2813



10.7107, 0.3149, 0.3155



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.6201, 0.3193, 0.2912



36.1648, 0.3210, 0.2825



21.2454, 0.3348, 0.3124



5.8947, 0.3158, 0.3103



6.6732, 0.3608, 0.1761



0.0849, 0.3390, 0.1641

Inverse Universe

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



21.6201, 0.3193, 0.2912



36.1648, 0.3210, 0.2825



26.6638, 0.2947, 0.3462



5.8947, 0.3158, 0.3103



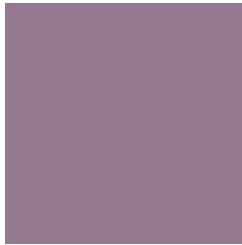
6.6732, 0.3608, 0.1761



0.0849, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 21.6192, 0.3193, 0.2912 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 21.6192, 0.3193, 0.2912 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 21.6192, 0.3193, 0.2912

Background



This preview shows how black text looks on a background with the Yxy color 21.6192, 0.3193, 0.2912.



This preview shows how white text looks on a background with the Yxy color 21.6192, 0.3193, 0.2912.

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

21.6192, 0.3193, 0.2912

Protanopia

21.6768, 0.2885, 0.2924

Deuteranopia

21.6886, 0.3047, 0.2998



Tritanopia

21.6048, 0.3295, 0.3122

Trichromacy



Original Color

21.6192, 0.3193, 0.2912

Protanomaly

21.4772, 0.2994, 0.2913

Deuteranomaly

21.6079, 0.3107, 0.2968

Tritanomaly

21.5633, 0.3262, 0.3040

Monochromacy



Original Color

21.6192, 0.3193, 0.2912

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.2464, 0.3157, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6192, 0.3193, 0.2912 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(147, 120, 143)` looks like.

```
.text, #text, p{  
    color:rgb(147, 120, 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(147, 120, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 143) }
```

Border

The CSS property to change the border of an element to Yxy 21.6192, 0.3193, 0.2912 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(147, 120, 143) }
```

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

```
.border{ border-color:rgb(147, 120, 143) }
```

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

Here you see how a box with a 4 pixel rgb(147, 120, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 120, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 120, 143);  
box-shadow:4px 4px 4px 4px rgb(147, 120,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6192, 0.3193, 0.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 143) }
```

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

```
.background{ background-color: rgb(147,  
120, 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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