

Converting Colors

$Y_{xy}(21.6208, 0.3106, 0.2891)$

Have a look what the booklet for
Yxy(21.6208, 0.3106, 0.2891)
contains.

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Color

Yxy(21.7142, 0.3109, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	8E7A91
RGB	142, 122, 145
RGB Percent	56%, 48%, 57%
CMY	0.4432, 0.5215, 0.4313
CMYK	0.02, 0.16, 0.00, 0.43
HSL	292°, 9%, 52%
HSV	292°, 16%, 57%
XYZ	23.2231, 21.7142, 29.7590
YIQ	130.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

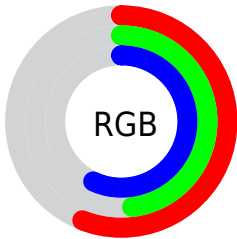
Format	Color
R_{YB}	142, 122, 145
Decimal	9337489
CIE Lab	53.72, 12.05, -9.58
CIE LCh	54, 15.398, 321.520
Yxy	21.7142, 0.3109, 0.2907
Android (android.graphics.Color)	4287527569 (0xFF8E7A91)
YUV	130.6020, 7.0982, 9.9960
Hunter-Lab	46.5985, 7.4108, -5.2452

Details

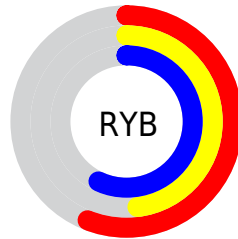
The Yxy color $21.7142, 0.3109, 0.2907$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.0226, 0.3140, 0.3696$, and the grayscale version is $22.5207, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.1314, 0.3116, 0.2981$, and $7.8666, 0.3098, 0.2750$ is the 20% darker color. If you saturate the color by 10%, you get $18.2477, 0.3093, 0.2657$, and if you desaturate by 10%, it is $25.7169, 0.3121, 0.3152$.

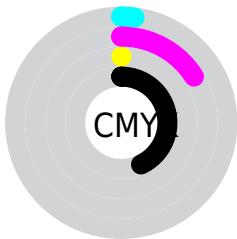
Distribution



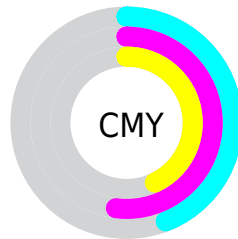
- Red (56%)
- Green (48%)
- Blue (57%)



- Red (56%)
- Yellow (48%)
- Blue (57%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (43%)




- Cyan (44%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.7142, 0.3109, 0.2907 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 21.7142, 0.3109, 0.2907 by changing the saturation by 10% instead.


 21.7142, 0.3109,
0.2907


 21.7142, 0.3109,
0.2907


261.0501, 0.3121,
0.3117


 13.6470, 0.3104,
0.2847


 46.2732, 0.3115,
0.2989

 7.8756, 0.3097,
0.2765


 63.5338, 0.3116,
0.3018

 4.0154, 0.3085,
0.2647

 84.6277, 0.3118,
0.3042

 1.6822, 0.3062,
0.2460

109.9392, 0.3119,
0.3062

 0.4121, 0.3083,
0.1852

139.8529, 0.3120,
0.3079

 0.0000, 0.0000,
0.0000

174.7530, 0.3120,

0.3093

215.0239, 0.3121,
0.3106

■ 21.7142, 0.3109,
0.2907

■ 21.7142, 0.3109,
0.2907

■ 18.2477, 0.3093,
0.2657

■ 25.7169, 0.3121,
0.3152

■ 15.2911, 0.3074,
0.2407

■ 30.2750, 0.3131,
0.3385

■ 12.8201, 0.3051,
0.2166

■ 35.4101, 0.3138,
0.3605

■ 10.8073, 0.3025,
0.1943

■ 41.1421, 0.3142,
0.3808

■ 9.2226, 0.2996,
0.1748

■ 47.4896, 0.3145,
0.3995

■ 8.0324, 0.2965,
0.1588

■ 54.4705, 0.3146,
0.4166

■ 7.1977, 0.2932,
0.1469

■ 62.1022, 0.3147,
0.4321

■ 6.6619, 0.2898,
0.1391

■ 70.4011, 0.3146,
0.4461

■ 6.4712, 0.2885,
0.1363

■ 79.3832, 0.3145,
0.4587

Harmonies

Analogous

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



21.7142, 0.2846, 0.2832



21.7142, 0.3109, 0.2907



21.7142, 0.3388, 0.3073

Triad

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



21.7142, 0.3109, 0.2907



21.7142, 0.3604, 0.3707



21.7142, 0.2674, 0.3257

Complementary

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



21.7142, 0.3109, 0.2907



26.0226, 0.3140, 0.3696

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.



21.7142, 0.2862, 0.3519



21.7142, 0.3109, 0.2907



21.7142, 0.3398, 0.3785

Square

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



21.7142, 0.3109, 0.2907



21.7142, 0.3681, 0.3524



21.7142, 0.3126, 0.3718



21.7142, 0.2603, 0.3019

Rectangle

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



21.7142, 0.3109, 0.2907



21.7142, 0.3542, 0.3217



21.7142, 0.3126, 0.3718



21.7142, 0.2725, 0.3346

Sweetspot

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



21.7151, 0.3109, 0.2907



46.6300, 0.3122, 0.3170



20.8700, 0.2881, 0.2936



10.2663, 0.3121, 0.3155



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.



21.7151, 0.3109, 0.2907



36.5802, 0.3104, 0.2819



21.7365, 0.3241, 0.3047



5.4755, 0.3118, 0.3072



5.5577, 0.2887, 0.1364



0.0596, 0.3055, 0.1457

Inverse Universe

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



21.4243, 0.3378, 0.3239



35.9670, 0.3447, 0.3227



26.0159, 0.3028, 0.3547



5.4350, 0.3262, 0.3261



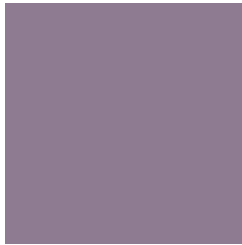
5.2065, 0.6186, 0.3181



0.0516, 0.5432, 0.2766

Previews

White Background



This preview shows how the Yxy color 21.7142, 0.3109, 0.2907 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 21.7142, 0.3109, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

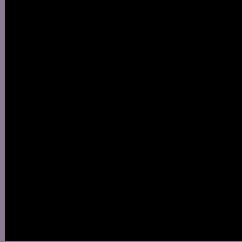
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.7142, 0.3109, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 21.7142, 0.3109, 0.2907.



This preview shows how white text looks on a background with the Yxy color 21.7142, 0.3109, 0.2907.

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

21.7142, 0.3109, 0.2907

Protanopia

21.7086, 0.2875, 0.2907

Deuteranopia

21.7492, 0.3026, 0.2965



Tritanopia

21.7120, 0.3207, 0.3119

Trichromacy



Original Color

21.7142, 0.3109, 0.2907

Protanomaly

21.6306, 0.2950, 0.2896

Deuteranomaly

21.7473, 0.3061, 0.2951

Tritanomaly

21.6636, 0.3175, 0.3036

Monochromacy



Original Color

21.7142, 0.3109, 0.2907

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.3668, 0.3122, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7142, 0.3109, 0.2907 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(142, 122, 145)` looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 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(142, 122, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 145) }
```

Border

The CSS property to change the border of an element to Yxy 21.7142, 0.3109, 0.2907 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(142, 122, 145) }
```

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

```
.border{ border-color:rgb(142, 122, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 122, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 145);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7142, 0.3109, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 122, 145) }
```

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

```
.background{ background-color: rgb(142,  
122, 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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