

Converting Colors

$Y_{xy}(21.9175, 0.3198, 0.3058)$

Have a look what the booklet for
Yxy(21.9175, 0.3198, 0.3058)
contains.

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Color

Yxy(21.9722, 0.3197, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	8E7C89
RGB	142, 124, 137
RGB Percent	56%, 49%, 54%
CMY	0.4433, 0.5137, 0.4628
CMYK	0.00, 0.13, 0.03, 0.44
HSL	317°, 7%, 52%
HSV	317°, 13%, 56%
XYZ	22.8737, 21.9722, 26.7015
YIQ	130.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

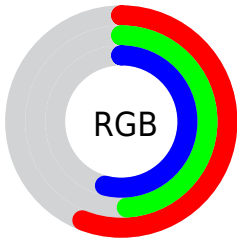
Format	Color
R_{YB}	142, 124, 137
Decimal	9337993
CIE Lab	54.00, 9.29, -4.50
CIE LCh	54, 10.325, 334.160
Yxy	21.9722, 0.3197, 0.3071
Android (android.graphics.Color)	4287528073 (0xFF8E7C89)
YUV	130.8640, 3.0250, 9.7663
Hunter-Lab	46.8745, 5.0735, -0.9616

Details

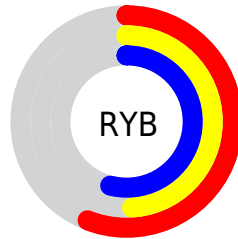
The Yxy color **21.9722, 0.3197, 0.3071** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2066, 0.3064, 0.3519**, and the grayscale version is **22.6324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8977, 0.3187, 0.3128**, and **7.9956, 0.3234, 0.2989** is the 20% darker color. If you saturate the color by 10%, you get **18.5561, 0.3263, 0.2891**, and if you desaturate by 10%, it is **25.9067, 0.3141, 0.3245**.

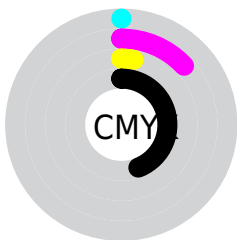
Distribution



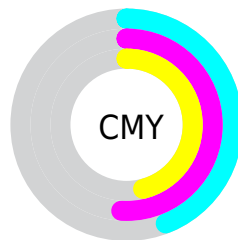
- Red (56%)
- Green (49%)
- Blue (54%)



- Red (56%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (44%)




- Cyan (44%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9722, 0.3197, 0.3071 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 21.9722, 0.3197, 0.3071 by changing the saturation by 10% instead.

 21.9722, 0.3197,
0.3071


 21.9722, 0.3197,
0.3071


262.4011, 0.3159,
0.3192

 13.8365, 0.3208,
0.3036


 46.7000, 0.3182,
0.3118

 8.0070, 0.3223,
0.2988


 64.0610, 0.3177,
0.3135

 4.0994, 0.3245,
0.2916

 85.2657, 0.3172,
0.3149

 1.7293, 0.3280,
0.2802

110.6987, 0.3169,
0.3160

 0.4425, 0.3432,
0.2346

140.7444, 0.3166,
0.3170

 0.0000, 0.0000,
0.0000

175.7870, 0.3163,

0.3179

216.2111, 0.3161,
0.3186

■ 21.9722, 0.3197,
0.3071

■ 21.9722, 0.3197,
0.3071

■ 18.5561, 0.3263,
0.2891

■ 25.9067, 0.3141,
0.3245

■ 15.6336, 0.3338,
0.2708

■ 30.3771, 0.3093,
0.3411

■ 13.1823, 0.3424,
0.2530

■ 35.4040, 0.3052,
0.3566

■ 11.1769, 0.3519,
0.2364

■ 41.0056, 0.3018,
0.3710

■ 9.5897, 0.3623,
0.2219

■ 47.1995, 0.2989,
0.3843

■ 8.3900, 0.3733,
0.2105

■ 54.0027, 0.2965,
0.3965

■ 7.5426, 0.3845,
0.2031

■ 61.4312, 0.2946,
0.4077

■ 7.0062, 0.3956,
0.2002

■ 69.5006, 0.2929,
0.4179

■ 6.7206, 0.4038,
0.1998

■ 78.2259, 0.2915,
0.4272

Harmonies

Analogous

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



21.9722, 0.3010, 0.2991



21.9722, 0.3197, 0.3071



21.9722, 0.3369, 0.3205

Triad

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



21.9722, 0.3197, 0.3071



21.9722, 0.3398, 0.3602



21.9722, 0.2790, 0.3200

Complementary

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



21.9722, 0.3197, 0.3071



25.2066, 0.3064, 0.3519

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.



21.9722, 0.2888, 0.3372



21.9722, 0.3197, 0.3071



21.9722, 0.3237, 0.3610

Square

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



21.9722, 0.3197, 0.3071



21.9722, 0.3487, 0.3509



21.9722, 0.3050, 0.3525



21.9722, 0.2780, 0.3059

Rectangle

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



21.9722, 0.3197, 0.3071



21.9722, 0.3451, 0.3310



21.9722, 0.3050, 0.3525



21.9722, 0.2814, 0.3256

Sweetspot

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



21.9732, 0.3197, 0.3071



44.6517, 0.3148, 0.3221



21.0230, 0.2988, 0.2975



9.8627, 0.3152, 0.3209



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



21.9732, 0.3197, 0.3071



37.0718, 0.3214, 0.3023



21.7310, 0.3298, 0.3219



5.4859, 0.3176, 0.3132



6.0405, 0.4034, 0.1996



0.0615, 0.3585, 0.1749

Inverse Universe

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



21.9732, 0.3197, 0.3071



37.0718, 0.3214, 0.3023



25.4506, 0.2980, 0.3363



5.4859, 0.3176, 0.3132



6.0405, 0.4034, 0.1996



0.0615, 0.3585, 0.1749

Previews

White Background



This preview shows how the Yxy color 21.9722, 0.3197, 0.3071 looks on a white background.

Color Contrast Check

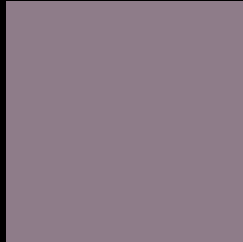
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9722, 0.3197, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

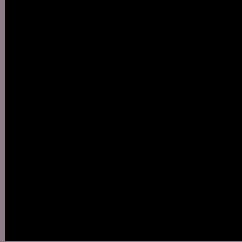
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9722, 0.3197, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 21.9722, 0.3197, 0.3071.



This preview shows how white text looks on a background with the Yxy color 21.9722, 0.3197, 0.3071.

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

21.9722, 0.3197, 0.3071

Protanopia

21.9210, 0.3000, 0.3079

Deuteranopia

21.8766, 0.3149, 0.3085



Tritanopia

21.8873, 0.3232, 0.3121

Trichromacy



Original Color

21.9722, 0.3197, 0.3071

Protanomaly

22.0294, 0.3067, 0.3082

Deuteranomaly

21.9623, 0.3161, 0.3086

Tritanomaly

21.9154, 0.3220, 0.3104

Monochromacy



Original Color

21.9722, 0.3197, 0.3071

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.2827, 0.3155, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9722, 0.3197, 0.3071 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, 124, 137)` looks like.

```
.text, #text, p{  
    color:rgb(142, 124, 137)  
}
```

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, 124, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 124, 137) }
```

Border

The CSS property to change the border of an element to Yxy 21.9722, 0.3197, 0.3071 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, 124, 137) }
```

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

```
.border{ border-color:rgb(142, 124, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 124, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 124, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 124, 137);  
box-shadow:4px 4px 4px 4px rgb(142, 124,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9722, 0.3197, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 124, 137) }
```

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

```
.background{ background-color: rgb(142,  
124, 137) }
```

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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