

Converting Colors

$Y_{xy}(21.1930, 0.3306, 0.3189)$

Have a look what the booklet for
Yxy(21.1930, 0.3306, 0.3189)
contains.

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Color

Yxy(21.2284, 0.3305, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	8E7A80
RGB	142, 122, 128
RGB Percent	56%, 48%, 50%
CMY	0.4431, 0.5216, 0.4980
CMYK	0.00, 0.14, 0.10, 0.44
HSL	342°, 8%, 52%
HSV	342°, 14%, 56%
XYZ	22.0144, 21.2284, 23.3666
YIQ	128.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

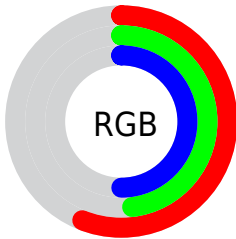
Format	Color
RYB	142, 122, 128
Decimal	9337472
CIELab	53.20, 8.79, -0.43
CIELCh	53, 8.803, 357.182
Yxy	21.2284, 0.3305, 0.3187
Android (android.graphics.Color)	4287527552 (0xFF8E7A80)
YUV	128.6640, -0.3274, 11.6957
Hunter-Lab	46.0743, 4.6577, 2.1831

Details

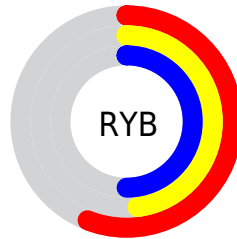
The Yxy color **21.2284, 0.3305, 0.3187** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **25.2657, 0.2976, 0.3396**, and the grayscale version is **21.8294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3441, 0.3265, 0.3202**, and **7.6049, 0.3385, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **17.7442, 0.3465, 0.3109**, and if you desaturate by 10%, it is **25.2497, 0.3174, 0.3261**.

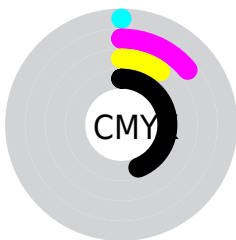
Distribution



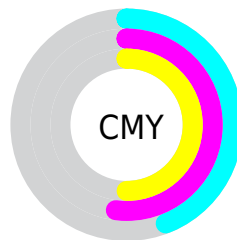
- Red (56%)
- Green (48%)
- Blue (50%)



- Red (56%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (44%)




- Cyan (44%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2284, 0.3305, 0.3187 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 21.2284, 0.3305, 0.3187 by changing the saturation by 10% instead.


 21.2284, 0.3305,
0.3187


 21.2284, 0.3305,
0.3187


258.4898, 0.3205,
0.3245


 13.2911, 0.3335,
0.3170


 45.4673, 0.3265,
0.3210

 7.6293, 0.3377,
0.3145


 62.5377, 0.3251,
0.3218

 3.8587, 0.3441,
0.3109

 83.4213, 0.3240,
0.3225

 1.5948, 0.3547,
0.3048

108.5023, 0.3230,
0.3230

 0.3541, 0.4172,
0.2680

138.1653, 0.3223,
0.3235

 0.0000, 0.0000,
0.0000

172.7946, 0.3216,

0.3239

212.7747, 0.3210,
0.3242

■ 21.2284, 0.3305,
0.3187

■ 21.2284, 0.3305,
0.3187

■ 17.7442, 0.3465,
0.3109

■ 25.2497, 0.3174,
0.3261

■ 14.7716, 0.3659,
0.3030

■ 29.8267, 0.3066,
0.3330

■ 12.2871, 0.3892,
0.2952

■ 34.9806, 0.2978,
0.3394

■ 10.2644, 0.4167,
0.2883

■ 40.7304, 0.2906,
0.3452

■ 8.6744, 0.4482,
0.2831

■ 47.0946, 0.2846,
0.3506

■ 7.4851, 0.4827,
0.2807

■ 54.0907, 0.2796,
0.3554

■ 6.6596, 0.5182,
0.2821

■ 61.7354, 0.2755,
0.3599

■ 6.1527, 0.5518,
0.2878

■ 70.0449, 0.2720,
0.3639

■ 5.9249, 0.5707,
0.2917

■ 79.0349, 0.2691,
0.3676

Harmonies

Analogous

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



21.2284, 0.3150, 0.3079



21.2284, 0.3305, 0.3187



21.2284, 0.3413, 0.3323

Triad

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



21.2284, 0.3305, 0.3187



21.2284, 0.3258, 0.3570



21.2284, 0.2821, 0.3115

Complementary

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



21.2284, 0.3305, 0.3187



25.2657, 0.2976, 0.3396

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.



21.2284, 0.2849, 0.3247



21.2284, 0.3305, 0.3187



21.2284, 0.3099, 0.3515

Square

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



21.2284, 0.3305, 0.3187



21.2284, 0.3385, 0.3546



21.2284, 0.2949, 0.3395



21.2284, 0.2873, 0.3036

Rectangle

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



21.2284, 0.3305, 0.3187



21.2284, 0.3443, 0.3413



21.2284, 0.2949, 0.3395



21.2284, 0.2822, 0.3155

Sweetspot

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



21.2293, 0.3305, 0.3187



44.5253, 0.3174, 0.3261



21.0787, 0.3068, 0.2947



9.8299, 0.3182, 0.3256



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.



21.2293, 0.3305, 0.3187



35.3246, 0.3354, 0.3162



21.9938, 0.3369, 0.3354



5.4491, 0.3237, 0.3224



5.3212, 0.5695, 0.2911



0.0544, 0.4637, 0.2328

Inverse Universe

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



21.2293, 0.3305, 0.3187



35.3246, 0.3354, 0.3162



24.3673, 0.2918, 0.3225



5.4491, 0.3237, 0.3224



5.3212, 0.5695, 0.2911



0.0544, 0.4637, 0.2328

Previews

White Background



This preview shows how the Yxy color 21.2284, 0.3305, 0.3187 looks on a white background.

Color Contrast Check

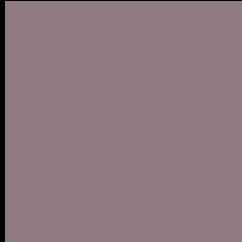
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2284, 0.3305, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

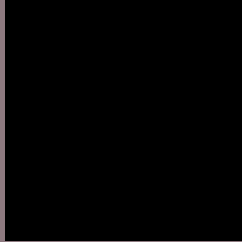
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2284, 0.3305, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 21.2284, 0.3305, 0.3187.



This preview shows how white text looks on a background with the Yxy color 21.2284, 0.3305, 0.3187.

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

21.2284, 0.3305, 0.3187

Protanopia

21.1496, 0.3096, 0.3200

Deuteranopia

21.2134, 0.3266, 0.3204



Tritanopia

21.3085, 0.3270, 0.3137

Trichromacy



Original Color

21.2284, 0.3305, 0.3187

Protanomaly

21.2655, 0.3167, 0.3202

Deuteranomaly

21.2999, 0.3278, 0.3204

Tritanomaly

21.2816, 0.3281, 0.3154

Monochromacy



Original Color

21.2284, 0.3305, 0.3187

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.5750, 0.3189, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2284, 0.3305, 0.3187 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 128) }
```

Border

The CSS property to change the border of an element to Yxy 21.2284, 0.3305, 0.3187 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, 128) }
```

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

```
.border{ border-color:rgb(142, 122, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 128);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2284, 0.3305, 0.3187 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, 128) }
```

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

```
.background{ background-color: rgb(142,  
122, 128) }
```

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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