

Converting Colors

$Y_{xy}(21.7981, 0.3433, 0.3213)$

Have a look what the booklet for
Yxy(21.7981, 0.3433, 0.3213)
contains.

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Color

Yxy(21.6651, 0.3432, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	96797E
RGB	150, 121, 126
RGB Percent	59%, 47%, 49%
CMY	0.4118, 0.5254, 0.5060
CMYK	0.00, 0.19, 0.16, 0.41
HSL	350°, 12%, 53%
HSV	350°, 19%, 59%
XYZ	23.1779, 21.6651, 22.6916
YIQ	130.2410, 15.6790, 7.7030

Conversions

Conversions Part 2

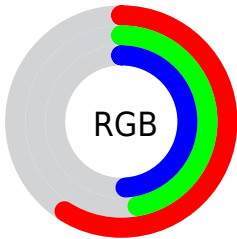
Format	Color
RYB	150, 121, 126
Decimal	9861502
CIELab	53.67, 12.08, 1.54
CIELCh	54, 12.176, 7.285
Yxy	21.6651, 0.3432, 0.3208
Android (android.graphics.Color)	4288051582 (0xFF96797E)
YUV	130.2410, -2.0908, 17.3286
Hunter-Lab	46.5458, 7.4305, 3.6775

Details

The Yxy color $21.6651, 0.3432, 0.3208$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.9190, 0.2889, 0.3374$, and the grayscale version is $22.4160, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.9792, 0.3356, 0.3216$, and $7.8232, 0.3565, 0.3168$ is the 20% darker color. If you saturate the color by 10%, you get $17.9982, 0.3645, 0.3163$, and if you desaturate by 10%, it is $25.9406, 0.3259, 0.3252$.

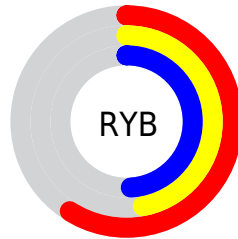
Distribution



Red (59%)

Green (47%)

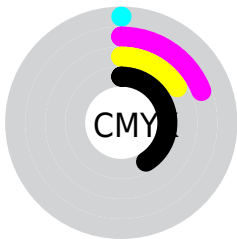
Blue (49%)



Red (59%)

Yellow (47%)

Blue (49%)

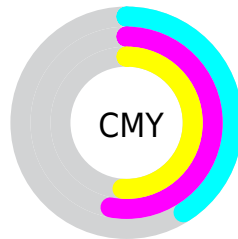


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (41%)



Cyan (41%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6651, 0.3432, 0.3208 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 21.6651, 0.3432, 0.3208 by changing the saturation by 10% instead.


 21.6651, 0.3432,
0.3208


 21.6651, 0.3432,
0.3208


260.7923, 0.3260,
0.3255


 13.6110, 0.3483,
0.3194


 46.1919, 0.3364,
0.3227

 7.8506, 0.3556,
0.3173


 63.4333, 0.3340,
0.3233

 3.9995, 0.3664,
0.3142

 84.5061, 0.3320,
0.3239

 1.6733, 0.3847,
0.3087

109.7944, 0.3304,
0.3243

 0.4063, 0.4790,
0.2858

139.6828, 0.3291,
0.3247

 0.0000, 0.0000,
0.0000

174.5557, 0.3279,

0.3250

214.7974, 0.3269,
0.3253

■ 21.6651, 0.3432,
0.3208

■ 21.6651, 0.3432,
0.3208

■ 17.9982, 0.3645,
0.3163

■ 25.9406, 0.3259,
0.3252

■ 14.9094, 0.3905,
0.3118

■ 30.8477, 0.3118,
0.3293

■ 12.3700, 0.4217,
0.3077

■ 36.4115, 0.3004,
0.3330

■ 10.3476, 0.4580,
0.3046

■ 42.6551, 0.2911,
0.3365

■ 8.8065, 0.4983,
0.3032

■ 49.6004, 0.2835,
0.3396

■ 7.7064, 0.5399,
0.3043

■ 57.2683, 0.2772,
0.3425

■ 7.0004, 0.5781,
0.3083

■ 65.6789, 0.2720,
0.3451

■ 6.5820, 0.6094,
0.3139

■ 74.8514, 0.2677,
0.3474

■ 6.5560, 0.6114,
0.3142

■ 84.1653, 0.2639,
0.3484

Harmonies

Analogous

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



21.6651, 0.3232, 0.3046



21.6651, 0.3432, 0.3208



21.6651, 0.3549, 0.3395

Triad

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



21.6651, 0.3432, 0.3208



21.6651, 0.3233, 0.3665



21.6651, 0.2722, 0.3003

Complementary

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



21.6651, 0.3432, 0.3208



27.9190, 0.2889, 0.3374

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.



21.6651, 0.2723, 0.3161



21.6651, 0.3432, 0.3208



21.6651, 0.3013, 0.3554

Square

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



21.6651, 0.3432, 0.3208



21.6651, 0.3430, 0.3665



21.6651, 0.2828, 0.3365



21.6651, 0.2825, 0.2927

Rectangle

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



21.6651, 0.3432, 0.3208



21.6651, 0.3562, 0.3512



21.6651, 0.2828, 0.3365



21.6651, 0.2710, 0.3048

Sweetspot

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



21.6661, 0.3432, 0.3208



48.4369, 0.3211, 0.3265



21.8693, 0.3086, 0.2817



10.6282, 0.3219, 0.3263



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.



21.6661, 0.3432, 0.3208



35.4392, 0.3515, 0.3189



23.8785, 0.3466, 0.3443



5.8307, 0.3257, 0.3252



5.4421, 0.6098, 0.3133



0.0697, 0.5212, 0.2645

Inverse Universe

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



21.6661, 0.3432, 0.3208



35.4392, 0.3515, 0.3189



25.2614, 0.2837, 0.3132



5.8307, 0.3257, 0.3252



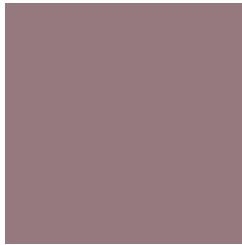
5.4421, 0.6098, 0.3133



0.0697, 0.5212, 0.2645

Previews

White Background



This preview shows how the Yxy color 21.6651, 0.3432, 0.3208 looks on a white background.

Color Contrast Check

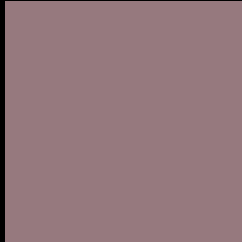
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6651, 0.3432, 0.3208 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 21.6651, 0.3432, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 21.6651, 0.3432, 0.3208.



This preview shows how white text looks on a background with the Yxy color 21.6651, 0.3432, 0.3208.

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

21.6651, 0.3432, 0.3208

Protanopia

21.7959, 0.3129, 0.3254

Deuteranopia

21.6468, 0.3337, 0.3273



Tritanopia

21.5287, 0.3385, 0.3125

Trichromacy



Original Color

21.6651, 0.3432, 0.3208

Protanomaly

21.5706, 0.3227, 0.3221

Deuteranomaly

21.6663, 0.3376, 0.3257

Tritanomaly

21.5020, 0.3398, 0.3141

Monochromacy



Original Color

21.6651, 0.3432, 0.3208

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.0821, 0.3224, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6651, 0.3432, 0.3208 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(150, 121, 126)` looks like.

```
.text, #text, p{  
    color:rgb(150, 121, 126)  
}
```

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(150, 121, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 121, 126) }
```

Border

The CSS property to change the border of an element to Yxy 21.6651, 0.3432, 0.3208 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(150, 121, 126) }
```

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

```
.border{ border-color:rgb(150, 121, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 121, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 121, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 121, 126);  
box-shadow:4px 4px 4px 4px rgb(150, 121,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6651, 0.3432, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 121, 126) }
```

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

```
.background{ background-color: rgb(150,  
121, 126) }
```

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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