

Converting Colors

$Y_{xy}(23.2511, 0.3398, 0.3278)$

Have a look what the booklet for
Yxy(23.2511, 0.3398, 0.3278)
contains.

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Color

Yxy(23.2213, 0.3393, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	967F80
RGB	150, 127, 128
RGB Percent	59%, 50%, 50%
CMY	0.4117, 0.5020, 0.4980
CMYK	0.00, 0.15, 0.15, 0.41
HSL	357°, 10%, 54%
HSV	357°, 15%, 59%
XYZ	24.0653, 23.2213, 23.6398
YIQ	133.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

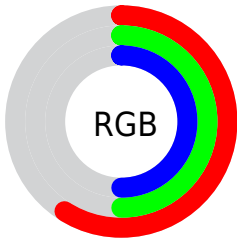
Format	Color
R_{YB}	150, 127, 128
Decimal	9863040
CIE _{Lab}	55.30, 8.99, 2.72
CIE _{LCh}	55, 9.394, 16.861
Yxy	23.2213, 0.3393, 0.3274
Android (android.graphics.Color)	4288053120 (0xFF967F80)
YUV	133.9910, -2.9536, 14.0399
Hunter-Lab	48.1885, 4.8130, 4.6461

Details

The Yxy color $23.2213, 0.3393, 0.3274$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.4979, 0.2910, 0.3306$, and the grayscale version is $23.8451, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.8161, 0.3329, 0.3278$, and $8.6659, 0.3499, 0.3267$ is the 20% darker color. If you saturate the color by 10%, you get $19.2803, 0.3620, 0.3263$, and if you desaturate by 10%, it is $27.7946, 0.3210, 0.3285$.

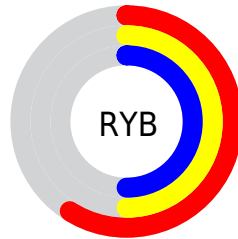
Distribution



Red (59%)

Green (50%)

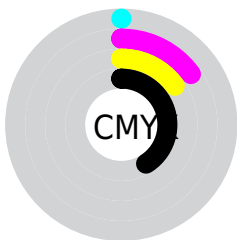
Blue (50%)



Red (59%)

Yellow (50%)

Blue (50%)

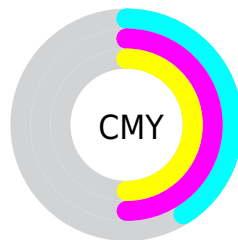


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (41%)



Cyan (41%)


Magenta (50%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2213, 0.3393, 0.3274 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 23.2213, 0.3393, 0.3274 by changing the saturation by 10% instead.


 23.2213, 0.3393,
0.3274


 23.2213, 0.3393,
0.3274


268.8596, 0.3244,
0.3284


 14.7570, 0.3437,
0.3271


 48.7564, 0.3334,
0.3278

 8.6490, 0.3498,
0.3265

 66.5961, 0.3314,
0.3280

 4.5130, 0.3589,
0.3257


 88.3296, 0.3297,
0.3281

 1.9644, 0.3738,
0.3241

114.3414, 0.3283,
0.3282

 0.5867, 0.4288,
0.3238


145.0160, 0.3271,
0.3282


 0.0000, 0.0000,
0.0000


180.7376, 0.3261,

0.3283


221.8907, 0.3252,
0.3284


 23.2213, 0.3393,
0.3274


 23.2213, 0.3393,
0.3274


 19.2803, 0.3620,
0.3263


 27.7946, 0.3210,
0.3285

 15.9410, 0.3901,
0.3252


 33.0232, 0.3062,
0.3295


 13.1747, 0.4241,
0.3242

 38.9325, 0.2943,
0.3304

 10.9492, 0.4642,
0.3235

 45.5456, 0.2847,
0.3312

 9.2290, 0.5088,
0.3232

 52.8849, 0.2767,
0.3319

■ 7.9747, 0.5543,
0.3236

■ 60.9714, 0.2702,
0.3326

■ 7.1406, 0.5948,
0.3249

■ 69.8253, 0.2648,
0.3332

■ 6.6666, 0.6239,
0.3267

■ 79.4663, 0.2603,
0.3337

■ 6.4995, 0.6341,
0.3267

■ 85.2250, 0.2562,
0.3288

Harmonies

Analogous

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



23.2213, 0.3259, 0.3140



23.2213, 0.3393, 0.3274



23.2213, 0.3454, 0.3415

Triad

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



23.2213, 0.3393, 0.3274



23.2213, 0.3155, 0.3552



23.2213, 0.2837, 0.3048

Complementary

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



23.2213, 0.3393, 0.3274



28.4979, 0.2910, 0.3306

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.



23.2213, 0.2811, 0.3151



23.2213, 0.3393, 0.3274



23.2213, 0.2992, 0.3447

Square

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



23.2213, 0.3393, 0.3274



23.2213, 0.3314, 0.3581



23.2213, 0.2867, 0.3298



23.2213, 0.2938, 0.3011

Rectangle

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



23.2213, 0.3393, 0.3274



23.2213, 0.3444, 0.3496



23.2213, 0.2867, 0.3298



23.2213, 0.2819, 0.3075

Sweetspot

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



23.2223, 0.3393, 0.3274



49.2528, 0.3206, 0.3285



23.7572, 0.3131, 0.2921



10.7940, 0.3216, 0.3284



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.



23.2223, 0.3393, 0.3274



38.7642, 0.3456, 0.3271



26.0095, 0.3380, 0.3460



5.8193, 0.3276, 0.3281



5.3910, 0.6335, 0.3264



0.0668, 0.6028, 0.3095

Inverse Universe

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



23.2223, 0.3393, 0.3274



38.7642, 0.3456, 0.3271



25.3699, 0.2895, 0.3114



5.8193, 0.3276, 0.3281



5.3910, 0.6335, 0.3264



0.0668, 0.6028, 0.3095

Previews

White Background



This preview shows how the Yxy color 23.2213, 0.3393, 0.3274 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 23.2213, 0.3393, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

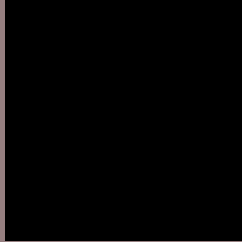
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

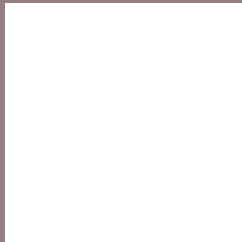
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.2213, 0.3393, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 23.2213, 0.3393, 0.3274.



This preview shows how white text looks on a background with the Yxy color 23.2213, 0.3393, 0.3274.

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

23.2213, 0.3393, 0.3274

Protanopia

23.2921, 0.3172, 0.3307

Deuteranopia

23.1999, 0.3354, 0.3291



Tritanopia

23.2786, 0.3314, 0.3128

Trichromacy



Original Color

23.2213, 0.3393, 0.3274

Protanomaly

23.1524, 0.3244, 0.3290

Deuteranomaly

23.2928, 0.3366, 0.3291

Tritanomaly

23.1945, 0.3349, 0.3176

Monochromacy



Original Color

23.2213, 0.3393, 0.3274

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4740, 0.3221, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2213, 0.3393, 0.3274 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, 127, 128)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 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(150, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 128) }
```

Border

The CSS property to change the border of an element to Yxy 23.2213, 0.3393, 0.3274 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, 127, 128) }
```

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

```
.border{ border-color:rgb(150, 127, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 128);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2213, 0.3393, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 128) }
```

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

```
.background{ background-color: rgb(150,  
127, 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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