

Converting Colors

$Y_{xy}(23.0910, 0.3182, 0.3199)$

Have a look what the booklet for
Yxy(23.0910, 0.3182, 0.3199)
contains.

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Color

Yxy(23.2035, 0.3177, 0.3205)

Conversions

Conversions Part 1	
Format	Color
Hex	8B8287
RGB	139, 130, 135
RGB Percent	55%, 51%, 53%
CMY	0.4550, 0.4902, 0.4705
CMYK	0.00, 0.06, 0.03, 0.46
HSL	326°, 4%, 53%
HSV	326°, 6%, 54%
XYZ	23.0008, 23.2035, 26.1935
YIQ	133.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

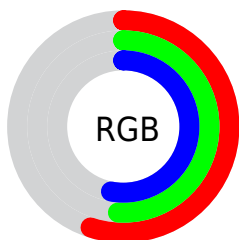
Format	Color
RYB	139, 130, 135
Decimal	9142919
CIELab	55.28, 4.33, -1.49
CIELCh	55, 4.583, 341.051
Yxy	23.2035, 0.3177, 0.3205
Android (android.graphics.Color)	4287332999 (0xFF8B8287)
YUV	133.2610, 0.8573, 5.0331
Hunter-Lab	48.1700, 0.9348, 1.4787

Details

The Yxy color $23.2035, 0.3177, 0.3205$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.9248, 0.3080, 0.3377$, and the grayscale version is $23.5509, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.7043, 0.3164, 0.3227$, and $8.6646, 0.3202, 0.3188$ is the 20% darker color. If you saturate the color by 10%, you get $19.5854, 0.3266, 0.3067$, and if you desaturate by 10%, it is $27.3330, 0.3102, 0.3335$.

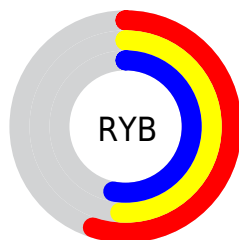
Distribution



Red (55%)

Green (51%)

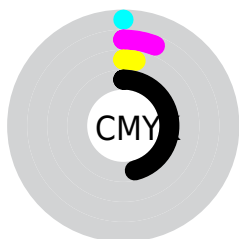
Blue (53%)



Red (55%)

Yellow (51%)

Blue (53%)

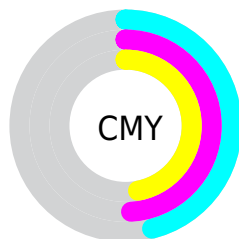


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (46%)



Cyan (46%)


Magenta (49%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2035, 0.3177, 0.3205 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 23.2035, 0.3177, 0.3205 by changing the saturation by 10% instead.


 23.2035, 0.3177,
0.3205


 23.2035, 0.3177,
0.3205


268.7685, 0.3149,
0.3252


 14.7438, 0.3185,
0.3191


 48.7273, 0.3166,
0.3223

 8.6398, 0.3196,
0.3172


 66.5601, 0.3162,
0.3230

 4.5070, 0.3212,
0.3144


 88.2862, 0.3159,
0.3235

 1.9610, 0.3239,
0.3099

114.2899, 0.3157,
0.3240

 0.5847, 0.3330,
0.2943


144.9556, 0.3154,
0.3244


 0.0000, 0.0000,
0.0000


180.6677, 0.3152,


0.3247


221.8105, 0.3151,
0.3250


 23.2035, 0.3177,
0.3205

 23.2035, 0.3177,
0.3205


 19.5854, 0.3266,
0.3067

 27.3330, 0.3102,
0.3335


 16.4555, 0.3373,
0.2925

 31.9898, 0.3040,
0.3457


 13.7936, 0.3498,
0.2781


 37.1928, 0.2988,
0.3570


 11.5766, 0.3643,
0.2642


 42.9592, 0.2944,
0.3674

 9.7797, 0.3808,
0.2516


 49.3052, 0.2908,
0.3770


 8.3754, 0.3991,
0.2412


 56.2466, 0.2878,
0.3858

 7.3331, 0.4189,
0.2342

 63.7985, 0.2853,
0.3938

 6.6173, 0.4393,
0.2316

 71.9753, 0.2832,
0.4012

 6.1698, 0.4596,
0.2337

 80.7355, 0.2815,
0.4078

Harmonies

Analogous

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



23.2035, 0.3095, 0.3163



23.2035, 0.3177, 0.3205



23.2035, 0.3246, 0.3270

Triad

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



23.2035, 0.3177, 0.3205



23.2035, 0.3232, 0.3429



23.2035, 0.2974, 0.3237

Complementary

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



23.2035, 0.3177, 0.3205



24.9248, 0.3080, 0.3377

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.



23.2035, 0.3009, 0.3309



23.2035, 0.3177, 0.3205



23.2035, 0.3158, 0.3422

Square

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



23.2035, 0.3177, 0.3205



23.2035, 0.3278, 0.3399



23.2035, 0.3076, 0.3378



23.2035, 0.2979, 0.3180

Rectangle

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



23.2035, 0.3177, 0.3205



23.2035, 0.3275, 0.3317



23.2035, 0.3076, 0.3378



23.2035, 0.2981, 0.3260

Sweetspot

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



23.2045, 0.3177, 0.3205



44.7168, 0.3142, 0.3263



22.8911, 0.3076, 0.3136



10.3264, 0.3141, 0.3265



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.



23.2045, 0.3177, 0.3205



40.3900, 0.3191, 0.3182



23.0829, 0.3225, 0.3280



5.0923, 0.3200, 0.3169



5.4490, 0.4663, 0.2342



0.0392, 0.3899, 0.1922

Inverse Universe

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



23.2045, 0.3177, 0.3205



40.3900, 0.3191, 0.3182



25.0503, 0.3037, 0.3300



5.0923, 0.3200, 0.3169



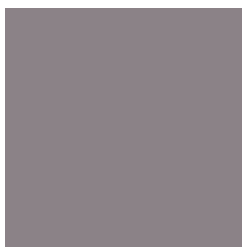
5.4490, 0.4663, 0.2342



0.0392, 0.3899, 0.1922

Previews

White Background



This preview shows how the Yxy color 23.2035, 0.3177, 0.3205 looks on a white background.

Color Contrast Check

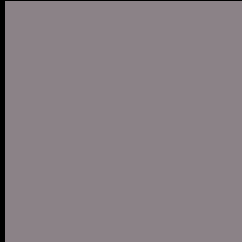
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2035, 0.3177, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

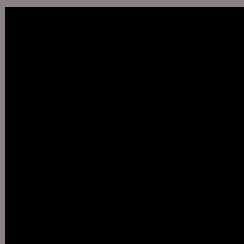
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2035, 0.3177, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 23.2035, 0.3177, 0.3205.



This preview shows how white text looks on a background with the Yxy color 23.2035, 0.3177, 0.3205.

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

23.2035, 0.3177, 0.3205

Protanopia

23.3484, 0.3108, 0.3221

Deuteranopia

23.1169, 0.3239, 0.3173



Tritanopia

23.1400, 0.3147, 0.3122

Trichromacy



Original Color

23.2035, 0.3177, 0.3205

Protanomaly

23.2444, 0.3131, 0.3204

Deuteranomaly

23.2006, 0.3214, 0.3189

Tritanomaly

23.1109, 0.3157, 0.3138

Monochromacy



Original Color

23.2035, 0.3177, 0.3205

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.3747, 0.3140, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2035, 0.3177, 0.3205 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(139, 130, 135) looks like.

```
.text, #text, p{  
    color:rgb(139, 130, 135)  
}
```

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(139, 130, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 130, 135) }
```

Border

The CSS property to change the border of an element to Yxy 23.2035, 0.3177, 0.3205 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(139, 130, 135) }
```

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

```
.border{ border-color:rgb(139, 130, 135) }
```

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

Here you see how a box with a 4 pixel rgb(139, 130, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 130, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 130, 135);  
box-shadow:4px 4px 4px 4px rgb(139, 130,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2035, 0.3177, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 130, 135) }
```

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

```
.background{ background-color: rgb(139,  
130, 135) }
```

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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