

Converting Colors

$Yxy(22.4596, 0.3139, 0.3077)$

Have a look what the booklet for
Yxy(22.4596, 0.3139, 0.3077)
contains.

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Color

Yxy(22.5318, 0.3137, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	8B7F8B
RGB	139, 127, 139
RGB Percent	55%, 50%, 55%
CMY	0.4549, 0.5019, 0.4550
CMYK	0.00, 0.09, 0.00, 0.45
HSL	300°, 5%, 52%
HSV	300°, 9%, 55%
XYZ	22.8967, 22.5318, 27.5608
YIQ	131.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

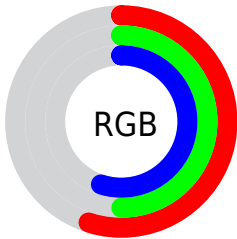
Format	Color
R_{YB}	139, 127, 139
Decimal	9142155
CIE _{Lab}	54.59, 6.86, -4.81
CIE _{LCh}	55, 8.378, 324.936
Yxy	22.5318, 0.3137, 0.3087
Android (android.graphics.Color)	4287332235 (0xFF8B7F8B)
YUV	131.9560, 3.4727, 6.1776
Hunter-Lab	47.4677, 3.0337, -1.1977

Details

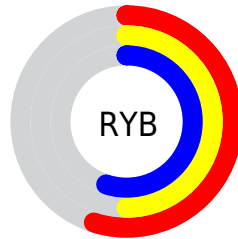
The Yxy color $22.5318, 0.3137, 0.3087$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.5129, 0.3117, 0.3502$, and the grayscale version is $23.0445, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.7857, 0.3143, 0.3140$, and $8.2939, 0.3140, 0.3012$ is the 20% darker color. If you saturate the color by 10%, you get $19.1854, 0.3149, 0.2847$, and if you desaturate by 10%, it is $26.3756, 0.3126, 0.3321$.

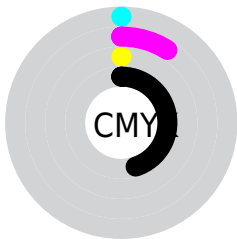
Distribution



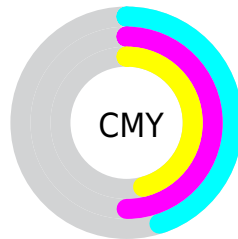
- Red (55%)
- Green (50%)
- Blue (55%)



- Red (55%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (45%)
- Magenta (50%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5318, 0.3137, 0.3087 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 22.5318, 0.3137, 0.3087 by changing the saturation by 10% instead.

■ 22.5318, 0.3137,
0.3087

■ 22.5318, 0.3137,
0.3087

265.3110, 0.3132,
0.3199

■ 14.2482, 0.3138,
0.3055

■ 47.6234, 0.3135,
0.3131

■ 8.2935, 0.3139,
0.3010

■ 65.2001, 0.3135,
0.3146

■ 4.2833, 0.3141,
0.2945

■ 86.6434, 0.3134,
0.3159

■ 1.8333, 0.3142,
0.2840

112.3376, 0.3134,
0.3170

■ 0.5078, 0.3175,
0.2480

142.6670, 0.3133,
0.3179

■ 0.0000, 0.0000,
0.0000

178.0161, 0.3133,

0.3187

218.7693, 0.3132,
0.3193

■ 22.5318, 0.3137,
0.3087

■ 22.5318, 0.3137,
0.3087

■ 19.1854, 0.3149,
0.2847

■ 26.3756, 0.3126,
0.3321

■ 16.3133, 0.3160,
0.2606

■ 30.7328, 0.3115,
0.3545

■ 13.8949, 0.3172,
0.2373

■ 35.6225, 0.3105,
0.3756

■ 11.9071, 0.3183,
0.2156

■ 41.0617, 0.3095,
0.3951

■ 10.3245, 0.3192,
0.1964

■ 47.0669, 0.3087,
0.4130

■ 9.1193, 0.3201,
0.1804

■ 53.6536, 0.3079,
0.4294

■ 8.2601, 0.3207,
0.1682

■ 60.8371, 0.3072,
0.4443

■ 7.7105, 0.3211,
0.1600

■ 68.6317, 0.3065,
0.4578

■ 7.3861, 0.3214,
0.1551

■ 77.0516, 0.3060,
0.4699

Harmonies

Analogous

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



22.5318, 0.2991, 0.3040



22.5318, 0.3137, 0.3087



22.5318, 0.3283, 0.3185

Triad

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



22.5318, 0.3137, 0.3087



22.5318, 0.3374, 0.3525



22.5318, 0.2872, 0.3260

Complementary

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



22.5318, 0.3137, 0.3087



24.5129, 0.3117, 0.3502

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.



22.5318, 0.2971, 0.3397



22.5318, 0.3137, 0.3087



22.5318, 0.3260, 0.3552

Square

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



22.5318, 0.3137, 0.3087



22.5318, 0.3422, 0.3435



22.5318, 0.3112, 0.3506



22.5318, 0.2841, 0.3135

Rectangle

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



22.5318, 0.3137, 0.3087



22.5318, 0.3360, 0.3268



22.5318, 0.3112, 0.3506



22.5318, 0.2898, 0.3306

Sweetspot

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



22.5328, 0.3137, 0.3087



44.0688, 0.3131, 0.3219



21.5562, 0.2999, 0.3078



10.0346, 0.3131, 0.3201



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.



22.5328, 0.3137, 0.3087



39.3412, 0.3139, 0.3049



22.3629, 0.3203, 0.3187



5.1288, 0.3138, 0.3075



6.6283, 0.3215, 0.1545



0.0441, 0.3212, 0.1543

Inverse Universe

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



22.5328, 0.3137, 0.3087



39.3412, 0.3139, 0.3049



24.6734, 0.3057, 0.3395



5.1288, 0.3138, 0.3075



6.6283, 0.3215, 0.1545



0.0441, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 22.5318, 0.3137, 0.3087 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 22.5318, 0.3137, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

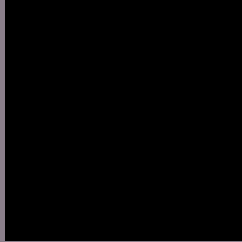
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5318, 0.3137, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 22.5318, 0.3137, 0.3087.



This preview shows how white text looks on a background with the Yxy color 22.5318, 0.3137, 0.3087.

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

22.5318, 0.3137, 0.3087

Protanopia

22.6342, 0.3012, 0.3099

Deuteranopia

22.5318, 0.3137, 0.3087



Tritanopia

22.4739, 0.3159, 0.3120

Trichromacy



Original Color

22.5318, 0.3137, 0.3087

Protanomaly

22.5805, 0.3056, 0.3100

Deuteranomaly

22.5318, 0.3137, 0.3087

Tritanomaly

22.5027, 0.3148, 0.3103

Monochromacy



Original Color

22.5318, 0.3137, 0.3087

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.8654, 0.3131, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5318, 0.3137, 0.3087 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, 127, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 127, 139)  
}
```

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, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 127, 139) }
```

Border

The CSS property to change the border of an element to Yxy 22.5318, 0.3137, 0.3087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

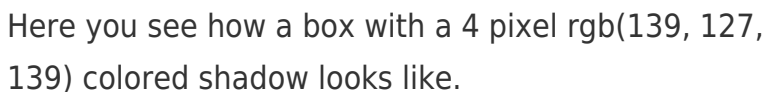
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 127, 139) }
```

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

```
.border{ border-color:rgb(139, 127, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 127, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 127, 139);  
box-shadow:4px 4px 4px 4px rgb(139, 127,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5318, 0.3137, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 127, 139) }
```

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

```
.background{ background-color: rgb(139,  
127, 139) }
```

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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