

Converting Colors

$Y_{xy}(23.2277, 0.3315, 0.3209)$

Have a look what the booklet for
Yxy(23.2277, 0.3315, 0.3209)
contains.

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Color

Yxy(23.1406, 0.3322, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	947F84
RGB	148, 127, 132
RGB Percent	58%, 50%, 52%
CMY	0.4197, 0.5019, 0.4824
CMYK	0.00, 0.14, 0.11, 0.42
HSL	346°, 9%, 54%
HSV	346°, 14%, 58%
XYZ	23.9629, 23.1406, 25.0305
YIQ	133.8490, 10.9110, 6.0070

Conversions

Conversions Part 2

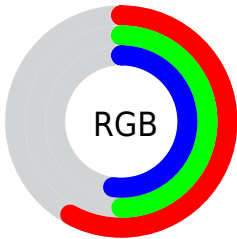
Format	Color
R _Y B	148, 127, 132
Decimal	9731972
CIE Lab	55.22, 8.90, 0.27
CIE LCh	55, 8.902, 1.736
Yxy	23.1406, 0.3322, 0.3208
Android (android.graphics.Color)	4287922052 (0xFF947F84)
YUV	133.8490, -0.9116, 12.4104
Hunter-Lab	48.1047, 4.7350, 2.8227

Details

The Yxy color **23.1406, 0.3322, 0.3208** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6677, 0.2963, 0.3374**, and the grayscale version is **23.7817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7019, 0.3278, 0.3229**, and **8.6147, 0.3389, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **19.3031, 0.3498, 0.3146**, and if you desaturate by 10%, it is **27.5750, 0.3179, 0.3267**.

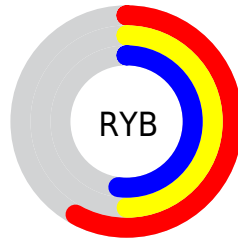
Distribution



Red (58%)

Green (50%)

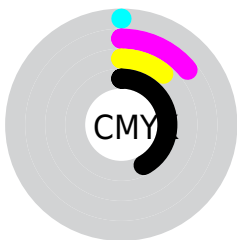
Blue (52%)



Red (58%)

Yellow (50%)

Blue (52%)

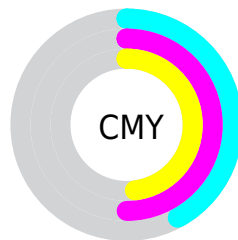


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (42%)



Cyan (42%)


Magenta (50%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1406, 0.3322, 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 23.1406, 0.3322, 0.3208 by changing the saturation by 10% instead.


 23.1406, 0.3322,
0.3208


 23.1406, 0.3322,
0.3208


268.4463, 0.3213,
0.3254


 14.6974, 0.3354,
0.3194


 48.6241, 0.3279,
0.3226

 8.6073, 0.3398,
0.3176

 66.4331, 0.3264,
0.3232

 4.4859, 0.3464,
0.3148

 88.1329, 0.3252,
0.3238

 1.9489, 0.3572,
0.3101

114.1078, 0.3242,
0.3242

 0.5775, 0.3922,
0.2956

144.7422, 0.3233,
0.3246

 0.0000, 0.0000,
0.0000

180.4204, 0.3225,

0.3249

221.5270, 0.3219,
0.3252

■ 23.1406, 0.3322,
0.3208

■ 23.1406, 0.3322,
0.3208

■ 19.3031, 0.3498,
0.3146

■ 27.5750, 0.3179,
0.3267

■ 16.0339, 0.3712,
0.3083

■ 32.6270, 0.3062,
0.3321

■ 13.3069, 0.3971,
0.3022

■ 38.3204, 0.2967,
0.3372

■ 11.0924, 0.4277,
0.2969

■ 44.6764, 0.2888,
0.3418

■ 9.3581, 0.4628,
0.2932

■ 51.7156, 0.2824,
0.3459

■ 8.0680, 0.5009,
0.2920

■ 59.4575, 0.2771,
0.3497

■ 7.1808, 0.5394,
0.2942

■ 67.9210, 0.2726,
0.3532

■ 6.6462, 0.5743,
0.3002

■ 77.1240, 0.2689,
0.3564

■ 6.4157, 0.5928,
0.3039

■ 83.7273, 0.2650,
0.3535

Harmonies

Analogous

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



23.1406, 0.3174, 0.3096



23.1406, 0.3322, 0.3208



23.1406, 0.3418, 0.3343

Triad

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



23.1406, 0.3322, 0.3208



23.1406, 0.3233, 0.3562



23.1406, 0.2829, 0.3103

Complementary

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



23.1406, 0.3322, 0.3208



27.6677, 0.2963, 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.



23.1406, 0.2845, 0.3226



23.1406, 0.3322, 0.3208



23.1406, 0.3075, 0.3497

Square

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



23.1406, 0.3322, 0.3208



23.1406, 0.3365, 0.3550



23.1406, 0.2934, 0.3371



23.1406, 0.2891, 0.3034

Rectangle

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



23.1406, 0.3322, 0.3208



23.1406, 0.3438, 0.3429



23.1406, 0.2934, 0.3371



23.1406, 0.2826, 0.3139

Sweetspot

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



23.1416, 0.3322, 0.3208



48.7443, 0.3178, 0.3267



23.1356, 0.3083, 0.2945



10.9937, 0.3187, 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.



23.1416, 0.3322, 0.3208



38.5850, 0.3374, 0.3189



24.3977, 0.3368, 0.3378



5.8366, 0.3247, 0.3238



5.4859, 0.5913, 0.3031



0.0711, 0.4895, 0.2470

Inverse Universe

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



23.1416, 0.3322, 0.3208



38.5850, 0.3374, 0.3189



26.2155, 0.2916, 0.3201



5.8366, 0.3247, 0.3238



5.4859, 0.5913, 0.3031



0.0711, 0.4895, 0.2470

Previews

White Background



This preview shows how the Yxy color 23.1406, 0.3322, 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 23.1406, 0.3322, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

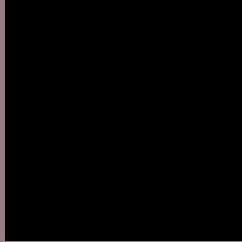
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1406, 0.3322, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 23.1406, 0.3322, 0.3208.



This preview shows how white text looks on a background with the Yxy color 23.1406, 0.3322, 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

23.1406, 0.3322, 0.3208

Protanopia

23.3201, 0.3118, 0.3238

Deuteranopia

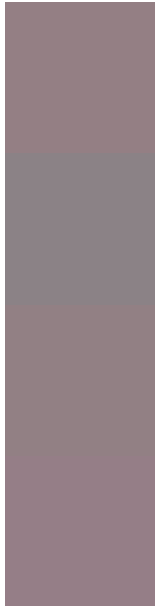
23.1240, 0.3284, 0.3223



Tritanopia

23.0888, 0.3290, 0.3126

Trichromacy



Original Color

23.1406, 0.3322, 0.3208

Protanomaly

23.1755, 0.3188, 0.3222

Deuteranomaly

23.2153, 0.3296, 0.3224

Tritanomaly

23.0605, 0.3302, 0.3142

Monochromacy



Original Color

23.1406, 0.3322, 0.3208

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4150, 0.3198, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1406, 0.3322, 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(148, 127, 132) looks like.

```
.text, #text, p{  
    color:rgb(148, 127, 132)  
}
```

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(148, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 127, 132) }
```

Border

The CSS property to change the border of an element to Yxy 23.1406, 0.3322, 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(148, 127, 132) }
```

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

```
.border{ border-color:rgb(148, 127, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 127, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(148, 127,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1406, 0.3322, 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(148, 127, 132) }
```

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

```
.background{ background-color: rgb(148,  
127, 132) }
```

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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