

Converting Colors

$Y_{xy}(23.1100, 0.3127, 0.3084)$

Have a look what the booklet for
Yxy(23.1100, 0.3127, 0.3084)
contains.

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Color

Yxy(23.1991, 0.3125, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	8C818D
RGB	140, 129, 141
RGB Percent	55%, 51%, 55%
CMY	0.4511, 0.4941, 0.4471
CMYK	0.01, 0.08, 0.00, 0.45
HSL	295°, 5%, 53%
HSV	295°, 8%, 55%
XYZ	23.4695, 23.1991, 28.4337
YIQ	133.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

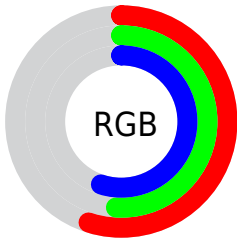
Format	Color
R_{YB}	140, 129, 141
Decimal	9208205
CIE Lab	55.28, 6.46, -4.95
CIE LCh	55, 8.132, 322.547
Yxy	23.1991, 0.3125, 0.3089
Android (android.graphics.Color)	4287398285 (0xFF8C818D)
YUV	133.6570, 3.6201, 5.5628
Hunter-Lab	48.1654, 2.6878, -1.2851

Details

The Yxy color $23.1991, 0.3125, 0.3089$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.3777, 0.3128, 0.3498$, and the grayscale version is $23.6929, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.8654, 0.3126, 0.3129$, and $8.6663, 0.3123, 0.3016$ is the 20% darker color. If you saturate the color by 10%, you get $19.6359, 0.3121, 0.2845$, and if you desaturate by 10%, it is $27.2779, 0.3127, 0.3325$.

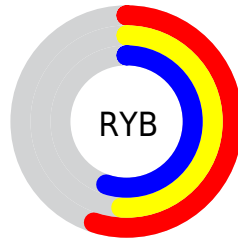
Distribution



Red (55%)

Green (51%)

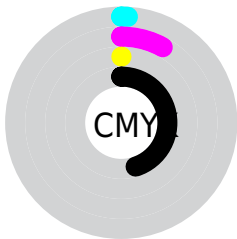
Blue (55%)



Red (55%)

Yellow (51%)

Blue (55%)

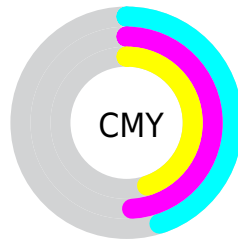


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (45%)



Cyan (45%)


Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1991, 0.3125, 0.3089 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 23.1991, 0.3125, 0.3089 by changing the saturation by 10% instead.


 23.1991, 0.3125,
0.3089


 23.1991, 0.3125,
0.3089


268.7460, 0.3127,
0.3200


 14.7406, 0.3124,
0.3057


 48.7200, 0.3126,
0.3132

 8.6375, 0.3123,
0.3014


 66.5513, 0.3126,
0.3147

 4.5055, 0.3120,
0.2950

 88.2755, 0.3126,
0.3160

 1.9602, 0.3116,
0.2849

114.2772, 0.3127,
0.3171

 0.5842, 0.3128,
0.2563

144.9407, 0.3127,
0.3180

 0.0000, 0.0000,
0.0000

180.6504, 0.3127,

0.3187

221.7907, 0.3127,
0.3194

■ 23.1991, 0.3125,
0.3089

■ 23.1991, 0.3125,
0.3089

■ 19.6359, 0.3121,
0.2845

■ 27.2779, 0.3127,
0.3325

■ 16.5644, 0.3114,
0.2598

■ 31.8891, 0.3128,
0.3548

■ 13.9634, 0.3106,
0.2355

■ 37.0521, 0.3128,
0.3757

■ 11.8089, 0.3094,
0.2125

■ 42.7847, 0.3127,
0.3950

■ 10.0747, 0.3081,
0.1917

■ 49.1039, 0.3125,
0.4126

■ 8.7320, 0.3064,
0.1740

■ 56.0259, 0.3122,
0.4287

■ 7.7483, 0.3046,
0.1601

■ 63.5663, 0.3119,
0.4433

■ 7.0859, 0.3027,
0.1502

■ 71.7400, 0.3116,
0.4564

■ 6.6612, 0.3007,
0.1438

■ 79.9871, 0.3113,
0.4676

Harmonies

Analogous

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



23.1991, 0.2986, 0.3048



23.1991, 0.3125, 0.3089



23.1991, 0.3267, 0.3180

Triad

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



23.1991, 0.3125, 0.3089



23.1991, 0.3371, 0.3511



23.1991, 0.2887, 0.3272

Complementary

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



23.1991, 0.3125, 0.3089



25.3777, 0.3128, 0.3498

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.



23.1991, 0.2986, 0.3403



23.1991, 0.3125, 0.3089



23.1991, 0.3265, 0.3542

Square

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



23.1991, 0.3125, 0.3089



23.1991, 0.3411, 0.3421



23.1991, 0.3124, 0.3503



23.1991, 0.2851, 0.3150

Rectangle

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



23.1991, 0.3125, 0.3089



23.1991, 0.3344, 0.3259



23.1991, 0.3124, 0.3503



23.1991, 0.2914, 0.3317

Sweetspot

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



23.2001, 0.3125, 0.3089



45.4055, 0.3127, 0.3218



22.6119, 0.3001, 0.3102



10.0189, 0.3126, 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.



23.2001, 0.3125, 0.3089



40.3930, 0.3124, 0.3047



23.1483, 0.3189, 0.3169



5.4883, 0.3125, 0.3072



6.0237, 0.3004, 0.1429



0.0620, 0.3113, 0.1488

Inverse Universe

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



22.9774, 0.3257, 0.3273



39.9199, 0.3287, 0.3270



25.4289, 0.3070, 0.3414



5.4310, 0.3269, 0.3272



5.1883, 0.6274, 0.3230



0.0508, 0.5736, 0.2934

Previews

White Background



This preview shows how the Yxy color 23.1991, 0.3125, 0.3089 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 23.1991, 0.3125, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

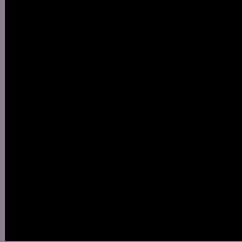
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1991, 0.3125, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 23.1991, 0.3125, 0.3089.

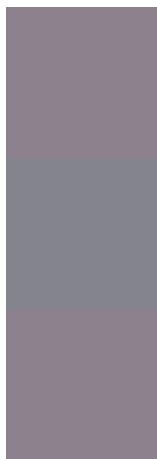


This preview shows how white text looks on a background with the Yxy color 23.1991, 0.3125, 0.3089.

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

23.1991, 0.3125, 0.3089

Protanopia

23.3912, 0.3013, 0.3101

Deuteranopia

23.2863, 0.3137, 0.3089



Tritanopia

23.1400, 0.3147, 0.3122

Trichromacy



Original Color

23.1991, 0.3125, 0.3089

Protanomaly

23.3365, 0.3057, 0.3103

Deuteranomaly

23.2863, 0.3137, 0.3089

Tritanomaly

23.1694, 0.3136, 0.3105

Monochromacy



Original Color

23.1991, 0.3125, 0.3089

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5429, 0.3120, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1991, 0.3125, 0.3089 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(140, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(140, 129, 141)  
}
```

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(140, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 129, 141) }
```

Border

The CSS property to change the border of an element to Yxy 23.1991, 0.3125, 0.3089 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(140, 129, 141) }
```

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

```
.border{ border-color:rgb(140, 129, 141) }
```

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

Here you see how a box with a 4 pixel rgb(140, 129, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(140, 129,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1991, 0.3125, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 129, 141) }
```

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

```
.background{ background-color: rgb(140,  
129, 141) }
```

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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