

Converting Colors

$Y_{xy}(23.2431, 0.3150, 0.3128)$

Have a look what the booklet for
Yxy(23.2431, 0.3150, 0.3128)
contains.

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Color

Yxy(23.1400, 0.3147, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	8C818B
RGB	140, 129, 139
RGB Percent	55%, 51%, 55%
CMY	0.4509, 0.4941, 0.4550
CMYK	0.00, 0.08, 0.01, 0.45
HSL	306°, 5%, 53%
HSV	306°, 8%, 55%
XYZ	23.3253, 23.1400, 27.6539
YIQ	133.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

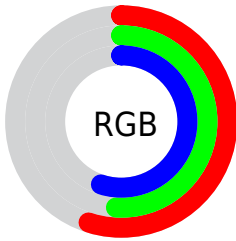
Format	Color
R_{YB}	140, 129, 139
Decimal	9208203
CIE Lab	55.22, 6.07, -3.87
CIE LCh	55, 7.202, 327.493
Yxy	23.1400, 0.3147, 0.3122
Android (android.graphics.Color)	4287398283 (0xFF8C818B)
YUV	133.4290, 2.7465, 5.7628
Hunter-Lab	48.1041, 2.3712, -0.4115

Details

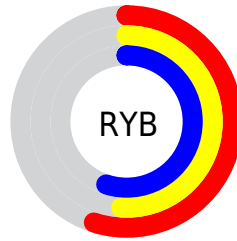
The Yxy color $23.1400, 0.3147, 0.3122$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.0390, 0.3108, 0.3464$, and the grayscale version is $23.6093, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.7310, 0.3150, 0.3166$, and $8.6322, 0.3155, 0.3064$ is the 20% darker color. If you saturate the color by 10%, you get $19.6635, 0.3175, 0.2902$, and if you desaturate by 10%, it is $27.1244, 0.3122, 0.3335$.

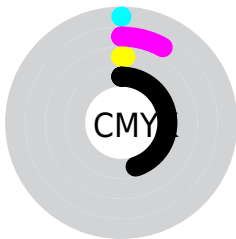
Distribution



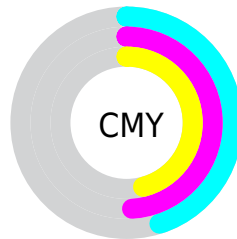
- Red (55%)
- Green (51%)
- Blue (55%)



- Red (55%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (45%)





- Cyan (45%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1400, 0.3147, 0.3122 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 23.1400, 0.3147, 0.3122 by changing the saturation by 10% instead.


 23.1400, 0.3147,
0.3122


 23.1400, 0.3147,
0.3122


268.4432, 0.3136,
0.3215


 14.6969, 0.3150,
0.3095


 48.6231, 0.3143,
0.3158

 8.6070, 0.3154,
0.3059

 66.4319, 0.3142,
0.3171

 4.4857, 0.3159,
0.3005

 88.1314, 0.3140,
0.3182

 1.9488, 0.3167,
0.2919

114.1060, 0.3139,
0.3190

 0.5775, 0.3207,
0.2656

144.7401, 0.3138,
0.3198

 0.0000, 0.0000,
0.0000

180.4181, 0.3138,

0.3204

221.5243, 0.3137,
0.3210

■ 23.1400, 0.3147,
0.3122

■ 23.1400, 0.3147,
0.3122

■ 19.6635, 0.3175,
0.2902

■ 27.1244, 0.3122,
0.3335

■ 16.6714, 0.3206,
0.2680

■ 31.6330, 0.3100,
0.3537

■ 14.1430, 0.3239,
0.2463

■ 36.6850, 0.3081,
0.3726

■ 12.0547, 0.3274,
0.2258

■ 42.2978, 0.3064,
0.3902

■ 10.3811, 0.3311,
0.2074

■ 48.4880, 0.3050,
0.4063

■ 9.0941, 0.3347,
0.1919

■ 55.2714, 0.3038,
0.4211

■ 8.1618, 0.3383,
0.1802

■ 62.6634, 0.3027,
0.4346

■ 7.5478, 0.3416,
0.1725

■ 70.6788, 0.3018,
0.4468

■ 7.1775, 0.3448,
0.1685

■ 79.3242, 0.3010,
0.4579

Harmonies

Analogous

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



23.1400, 0.3021, 0.3077



23.1400, 0.3147, 0.3122



23.1400, 0.3270, 0.3209

Triad

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



23.1400, 0.3147, 0.3122



23.1400, 0.3331, 0.3494



23.1400, 0.2905, 0.3255

Complementary

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



23.1400, 0.3147, 0.3122



25.0390, 0.3108, 0.3464

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.



23.1400, 0.2985, 0.3372



23.1400, 0.3147, 0.3122



23.1400, 0.3231, 0.3512

Square

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



23.1400, 0.3147, 0.3122



23.1400, 0.3377, 0.3422



23.1400, 0.3104, 0.3467



23.1400, 0.2883, 0.3151

Rectangle

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



23.1400, 0.3147, 0.3122



23.1400, 0.3332, 0.3281



23.1400, 0.3104, 0.3467



23.1400, 0.2926, 0.3294

Sweetspot

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



23.1410, 0.3147, 0.3122



44.7681, 0.3132, 0.3247



22.3346, 0.3021, 0.3098



10.3375, 0.3132, 0.3250



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.



23.1410, 0.3147, 0.3122



39.9277, 0.3151, 0.3093



22.9874, 0.3206, 0.3212



5.1210, 0.3150, 0.3094



6.3139, 0.3453, 0.1676



0.0430, 0.3320, 0.1603

Inverse Universe

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



23.1410, 0.3147, 0.3122



39.9277, 0.3151, 0.3093



25.1875, 0.3055, 0.3369



5.1210, 0.3150, 0.3094



6.3139, 0.3453, 0.1676



0.0430, 0.3320, 0.1603

Previews

White Background



This preview shows how the Yxy color 23.1400, 0.3147, 0.3122 looks on a white background.

Color Contrast Check

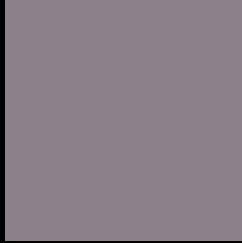
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1400, 0.3147, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

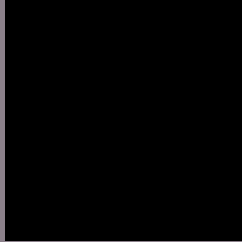
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1400, 0.3147, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 23.1400, 0.3147, 0.3122.



This preview shows how white text looks on a background with the Yxy color 23.1400, 0.3147, 0.3122.

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

23.1400, 0.3147, 0.3122

Protanopia

23.0316, 0.3044, 0.3135

Deuteranopia

23.0532, 0.3171, 0.3106



Tritanopia

23.1400, 0.3147, 0.3122

Trichromacy



Original Color

23.1400, 0.3147, 0.3122

Protanomaly

23.0096, 0.3078, 0.3119

Deuteranomaly

22.9651, 0.3159, 0.3105

Tritanomaly

23.1400, 0.3147, 0.3122

Monochromacy



Original Color

23.1400, 0.3147, 0.3122

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.4860, 0.3141, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1400, 0.3147, 0.3122 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(140, 129, 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(140, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 129, 139) }
```

Border

The CSS property to change the border of an element to Yxy 23.1400, 0.3147, 0.3122 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, 139) }
```

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

```
.border{ border-color:rgb(140, 129, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(140, 129,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1400, 0.3147, 0.3122 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, 139) }
```

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

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