

Converting Colors

$Yxy(23.1417, 0.2476, 0.3492)$

Have a look what the booklet for
Yxy(23.1417, 0.2476, 0.3492)
contains.

Yxy(23.2349, 0.2472, 0.3488)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.2349, 0.2472, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	3A9288
RGB	58, 146, 136
RGB Percent	23%, 57%, 53%
CMY	0.7726, 0.4274, 0.4666
CMYK	0.60, 0.00, 0.07, 0.43
HSL	173°, 43%, 40%
HSV	173°, 60%, 57%
XYZ	16.4669, 23.2349, 26.9120
YIQ	118.5480, -49.2380, -21.7660

Conversions

Conversions Part 2

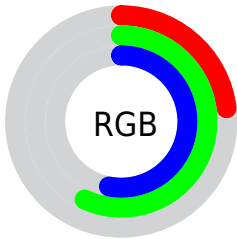
Format	Color
RYB	58, 105, 146
Decimal	3838600
CIELab	55.31, -28.65, -2.56
CIELCh	55, 28.763, 185.106
Yxy	23.2349, 0.2472, 0.3488
Android (android.graphics.Color)	4282028680 (0xFF3A9288)
YUV	118.5480, 8.6038, -53.1006
Hunter-Lab	48.2026, -23.3755, 0.6396

Details

The Yxy color **23.2349, 0.2472, 0.3488** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.5521, 0.4723, 0.3131**, and the grayscale version is **18.2803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6275, 0.2615, 0.3446**, and **8.8563, 0.2324, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **22.8119, 0.2414, 0.3526**, and if you desaturate by 10%, it is **23.7845, 0.2547, 0.3451**.

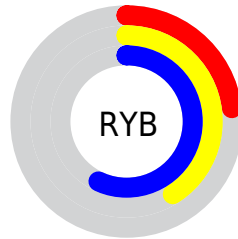
Distribution



Red (23%)

Green (57%)

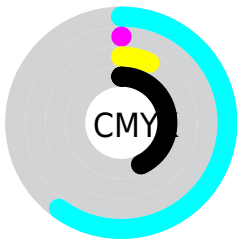
Blue (53%)



Red (23%)

Yellow (41%)

Blue (57%)

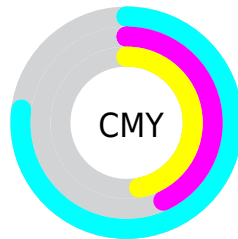


Cyan (60%)

Magenta (0%)

Yellow (7%)

Black (43%)



Cyan (77%)


Magenta (43%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2349, 0.2472, 0.3488 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 23.2349, 0.2472, 0.3488 by changing the saturation by 10% instead.


 23.2349, 0.2472,
0.3488


 23.2349, 0.2472,
0.3488


268.9292, 0.2833,
0.3382


 14.7671, 0.2369,
0.3517


 48.7787, 0.2612,
0.3448


 8.6561, 0.2229,
0.3555


 66.6235, 0.2662,
0.3433


 4.5175, 0.2026,
0.3607

 88.3628, 0.2703,
0.3421

 1.9671, 0.1711,
0.3682

 114.3808, 0.2738,
0.3411

 0.5882, 0.0000,
0.4179

 145.0621, 0.2767,
0.3402

 0.0000, 0.0000,
0.0000

180.7910, 0.2792,

0.3394

221.9519, 0.2814,
0.3388

■ 23.2349, 0.2472,
0.3488

■ 23.2349, 0.2472,
0.3488

■ 22.8119, 0.2414,
0.3526

■ 23.7845, 0.2547,
0.3451

■ 22.5021, 0.2375,
0.3565

■ 24.4675, 0.2639,
0.3415

■ 22.2936, 0.2353,
0.3603

■ 25.2935, 0.2745,
0.3380

■ 22.1555, 0.2345,
0.3640

■ 26.2704, 0.2863,
0.3348

■ 27.4055, 0.2990,
0.3318

■ 28.7056, 0.3123,
0.3291

■ 30.1772, 0.3261,
0.3266

■ 31.8263, 0.3400,
0.3244

■ 33.6588, 0.3538,
0.3224

Harmonies

Analogous

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



23.2349, 0.2883, 0.3958



23.2349, 0.2472, 0.3488



23.2349, 0.2242, 0.2995

Triad

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



23.2349, 0.2472, 0.3488



23.2349, 0.2813, 0.2529



23.2349, 0.4105, 0.3847

Complementary

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



23.2349, 0.2472, 0.3488



9.5521, 0.4723, 0.3131

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.



23.2349, 0.4101, 0.3458



23.2349, 0.2472, 0.3488



23.2349, 0.3319, 0.2735

Square

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



23.2349, 0.2472, 0.3488



23.2349, 0.2427, 0.2490



23.2349, 0.3804, 0.3064



23.2349, 0.3833, 0.4135

Rectangle

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



23.2349, 0.2472, 0.3488



23.2349, 0.2208, 0.2740



23.2349, 0.3804, 0.3064



23.2349, 0.4138, 0.3723

Sweetspot

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



23.2358, 0.2472, 0.3488



46.7047, 0.2887, 0.3342



22.1022, 0.3119, 0.5128



10.2801, 0.2854, 0.3350



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.2358, 0.2472, 0.3488



40.0463, 0.2400, 0.3538



14.6201, 0.2249, 0.2578



6.5510, 0.3004, 0.3315



19.4977, 0.2344, 0.3638



0.2412, 0.2292, 0.3450

Inverse Universe

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



9.5521, 0.4723, 0.3131



13.7324, 0.5291, 0.3128



14.0226, 0.4526, 0.3865



5.8255, 0.3265, 0.3265



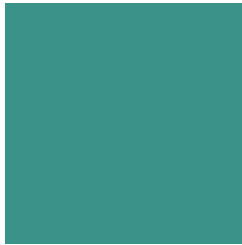
5.4141, 0.6225, 0.3203



0.0684, 0.5543, 0.2827

Previews

White Background



This preview shows how the Yxy color 23.2349, 0.2472, 0.3488 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 23.2349, 0.2472, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

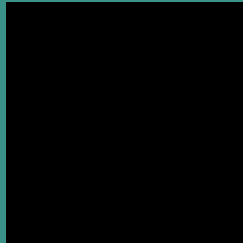
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2349, 0.2472, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 23.2349, 0.2472, 0.3488.



This preview shows how white text looks on a background with the Yxy color 23.2349, 0.2472, 0.3488.

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

23.2349, 0.2472, 0.3488

Protanopia

22.9158, 0.3217, 0.3360

Deuteranopia

22.9945, 0.3148, 0.3089



Tritanopia

23.1697, 0.2376, 0.3061

Trichromacy



Original Color

23.2349, 0.2472, 0.3488

Protanomaly

22.3458, 0.2877, 0.3402

Deuteranomaly

22.5715, 0.2832, 0.3216

Tritanomaly

23.1414, 0.2410, 0.3211

Monochromacy



Original Color

23.2349, 0.2472, 0.3488

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

19.7226, 0.2815, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2349, 0.2472, 0.3488 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(58, 146, 136)` looks like.

```
.text, #text, p{  
    color:rgb(58, 146, 136)  
}
```

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(58, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 146, 136) }
```

Border

The CSS property to change the border of an element to Yxy 23.2349, 0.2472, 0.3488 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(58, 146, 136) }
```

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

```
.border{ border-color:rgb(58, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(58, 146,  
136) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.2349, 0.2472, 0.3488$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 146, 136) }
```

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

```
.background{ background-color: rgb(58, 146,  
136) }
```

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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