

Converting Colors

$Y_{xy}(23.4708, 0.3341, 0.3082)$

Have a look what the booklet for
Yxy(23.4708, 0.3341, 0.3082)
contains.

Yxy(23.4708, 0.3341, 0.3082)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.4708, 0.3341, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	9B7D8A
RGB	155, 125, 138
RGB Percent	61%, 49%, 54%
CMY	0.3921, 0.5098, 0.4588
CMYK	0.00, 0.19, 0.11, 0.39
HSL	334°, 13%, 55%
HSV	334°, 19%, 61%
XYZ	25.4432, 23.4708, 27.2404
YIQ	135.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

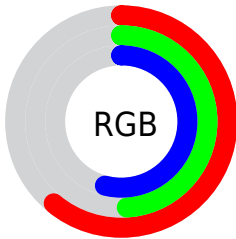
Format	Color
R_{YB}	155, 125, 138
Decimal	10190218
CIE Lab	55.55, 13.82, -2.65
CIE LCh	56, 14.071, 349.130
Yxy	23.4708, 0.3341, 0.3082
Android (android.graphics.Color)	4288380298 (0xFF9B7D8A)
YUV	135.4520, 1.2562, 17.1436
Hunter-Lab	48.4467, 8.9629, 0.5753

Details

The Yxy color $23.4708, 0.3341, 0.3082$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.7637, 0.2954, 0.3508$, and the grayscale version is $24.3982, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.3040, 0.3300, 0.3135$, and $8.7570, 0.3416, 0.3010$ is the 20% darker color. If you saturate the color by 10%, you get $19.6045, 0.3486, 0.2968$, and if you desaturate by 10%, it is $27.9724, 0.3221, 0.3192$.

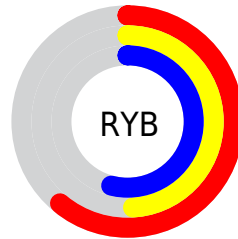
Distribution



Red (61%)

Green (49%)

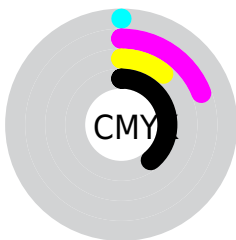
Blue (54%)



Red (61%)

Yellow (49%)

Blue (54%)

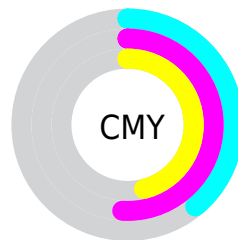


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (39%)



Cyan (39%)


Magenta (51%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4708, 0.3341, 0.3082 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 23.4708, 0.3341, 0.3082 by changing the saturation by 10% instead.


 23.4708, 0.3341,
0.3082


 23.4708, 0.3341,
0.3082


270.1340, 0.3223,
0.3196


 14.9415, 0.3375,
0.3049


 49.1652, 0.3295,
0.3126

 8.7784, 0.3422,
0.3005


 67.0992, 0.3278,
0.3142

 4.5969, 0.3491,
0.2939

 88.9368, 0.3265,
0.3155

 2.0127, 0.3603,
0.2836

115.0625, 0.3254,
0.3166

 0.6149, 0.3861,
0.2568

145.8607, 0.3244,
0.3175

 0.0000, 0.0000,
0.0000

181.7157, 0.3236,

0.3183

223.0120, 0.3229,
0.3190

■ 23.4708, 0.3341,
0.3082

■ 23.4708, 0.3341,
0.3082

■ 19.6045, 0.3486,
0.2968

■ 27.9724, 0.3221,
0.3192

■ 16.3415, 0.3658,
0.2854

■ 33.1331, 0.3121,
0.3296

■ 13.6517, 0.3861,
0.2747

■ 38.9793, 0.3039,
0.3393

■ 11.5014, 0.4094,
0.2654

■ 45.5351, 0.2972,
0.3483

■ 9.8530, 0.4355,
0.2587

■ 52.8234, 0.2916,
0.3566

■ 8.6642, 0.4633,
0.2558

■ 60.8660, 0.2869,
0.3641

■ 7.8856, 0.4916,
0.2577

■ 69.6837, 0.2831,
0.3710

■ 7.4069, 0.5190,
0.2638

■ 79.2968, 0.2799,
0.3773

■ 7.3792, 0.5207,
0.2642

■ 83.5024, 0.2761,
0.3730

Harmonies

Analogous

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



23.4708, 0.3092, 0.2938



23.4708, 0.3341, 0.3082



23.4708, 0.3537, 0.3279

Triad

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



23.4708, 0.3341, 0.3082



23.4708, 0.3387, 0.3729



23.4708, 0.2659, 0.3064

Complementary

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



23.4708, 0.3341, 0.3082



29.7637, 0.2954, 0.3508

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.



23.4708, 0.2732, 0.3280



23.4708, 0.3341, 0.3082



23.4708, 0.3147, 0.3679

Square

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



23.4708, 0.3341, 0.3082



23.4708, 0.3562, 0.3653



23.4708, 0.2908, 0.3511



23.4708, 0.2705, 0.2921

Rectangle

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



23.4708, 0.3341, 0.3082



23.4708, 0.3607, 0.3419



23.4708, 0.2908, 0.3511



23.4708, 0.2671, 0.3131

Sweetspot

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



23.4718, 0.3341, 0.3082



52.9538, 0.3186, 0.3227



22.7403, 0.2996, 0.2801



11.8650, 0.3193, 0.3221



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



23.4718, 0.3341, 0.3082



39.0649, 0.3397, 0.3036



23.4999, 0.3492, 0.3316



6.2649, 0.3219, 0.3194



5.9322, 0.5187, 0.2631



0.0958, 0.4228, 0.2103

Inverse Universe

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



23.4718, 0.3341, 0.3082



39.0649, 0.3397, 0.3036



29.6812, 0.2843, 0.3264



6.2649, 0.3219, 0.3194



5.9322, 0.5187, 0.2631



0.0958, 0.4228, 0.2103

Previews

White Background



This preview shows how the Yxy color 23.4708, 0.3341, 0.3082 looks on a white background.

Color Contrast Check

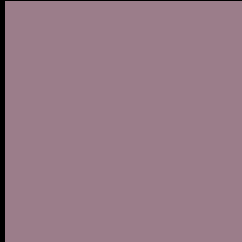
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4708, 0.3341, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

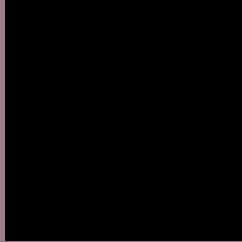
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4708, 0.3341, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 23.4708, 0.3341, 0.3082.



This preview shows how white text looks on a background with the Yxy color 23.4708, 0.3341, 0.3082.

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

23.4708, 0.3341, 0.3082

Protanopia

23.4421, 0.3034, 0.3119

Deuteranopia

23.4359, 0.3215, 0.3157



Tritanopia

23.3851, 0.3376, 0.3130

Trichromacy



Original Color

23.4708, 0.3341, 0.3082

Protanomaly

23.2863, 0.3137, 0.3089

Deuteranomaly

23.5404, 0.3264, 0.3142

Tritanomaly

23.4134, 0.3364, 0.3114

Monochromacy



Original Color

23.4708, 0.3341, 0.3082

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.7610, 0.3200, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4708, 0.3341, 0.3082 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(155, 125, 138)` looks like.

```
.text, #text, p{  
    color:rgb(155, 125, 138)  
}
```

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(155, 125, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 125, 138) }
```

Border

The CSS property to change the border of an element to Yxy 23.4708, 0.3341, 0.3082 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(155, 125, 138) }
```

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

```
.border{ border-color:rgb(155, 125, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 125, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 125, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 125, 138);  
box-shadow:4px 4px 4px 4px rgb(155, 125,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4708, 0.3341, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 125, 138) }
```

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

```
.background{ background-color: rgb(155,  
125, 138) }
```

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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