

Converting Colors

$Y_{xy}(23.2284, 0.3601, 0.3404)$

Have a look what the booklet for
Yxy(23.2284, 0.3601, 0.3404)
contains.

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Color

Yxy(23.1433, 0.3606, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	9D7D76
RGB	157, 125, 118
RGB Percent	62%, 49%, 46%
CMY	0.3843, 0.5098, 0.5372
CMYK	0.00, 0.20, 0.25, 0.38
HSL	11°, 17%, 54%
HSV	11°, 25%, 62%
XYZ	24.5095, 23.1433, 20.3158
YIQ	133.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

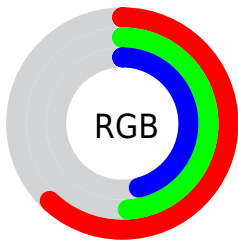
Format	Color
R_{YB}	157, 127, 118
Decimal	10321270
CIE _{Lab}	55.22, 11.27, 8.51
CIE _{LCh}	55, 14.120, 37.052
Yxy	23.1433, 0.3606, 0.3405
Android (android.graphics.Color)	4288511350 (0xFF9D7D76)
YUV	133.7700, -7.7746, 20.3727
Hunter-Lab	48.1075, 6.7528, 8.6371

Details

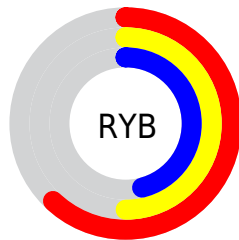
The Yxy color $23.1433, 0.3606, 0.3405$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.1027, 0.2761, 0.3172$, and the grayscale version is $23.7753, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.7401, 0.3499, 0.3388$, and $8.6143, 0.3793, 0.3434$ is the 20% darker color. If you saturate the color by 10%, you get $19.7482, 0.3870, 0.3454$, and if you desaturate by 10%, it is $27.0258, 0.3386, 0.3357$.

Distribution



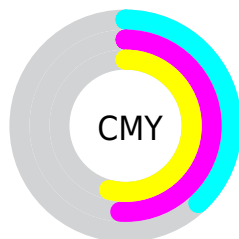
- Red (62%)
- Green (49%)
- Blue (46%)



- Red (62%)
- Yellow (50%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (38%)





- Cyan (38%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1433, 0.3606, 0.3405 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 23.1433, 0.3606, 0.3405 by changing the saturation by 10% instead.


 23.1433, 0.3606,
0.3405


 23.1433, 0.3606,
0.3405


268.4602, 0.3337,
0.3345


 14.6994, 0.3685,
0.3420


 48.6285, 0.3500,
0.3383

 8.6087, 0.3796,
0.3440

 66.4386, 0.3463,
0.3375

 4.4868, 0.3961,
0.3465

 88.1395, 0.3432,
0.3368

 1.9494, 0.4231,
0.3497

114.1156, 0.3407,
0.3362

 0.5778, 0.5738,
0.4023

144.7513, 0.3385,
0.3357

 0.0000, 0.0000,
0.0000

180.4311, 0.3367,

0.3352

221.5392, 0.3351,
0.3349

■ 23.1433, 0.3606,
0.3405

■ 23.1433, 0.3606,
0.3405

■ 19.7482, 0.3870,
0.3454

■ 27.0258, 0.3386,
0.3357

■ 16.8182, 0.4184,
0.3502

■ 31.4108, 0.3204,
0.3311

■ 14.3338, 0.4545,
0.3542


■ 36.3165, 0.3053,
0.3269


■ 12.2728, 0.4946,
0.3568


■ 41.7592, 0.2928,
0.3230


■ 10.6114, 0.5361,
0.3572


■ 47.7547, 0.2824,
0.3194


 9.3230, 0.5748,
0.3546


 54.3180, 0.2737,
0.3162

 8.3776, 0.6059,
0.3490

 61.4635, 0.2664,
0.3133

 8.0072, 0.6195,
0.3463

 69.2052, 0.2601,
0.3107

 77.2756, 0.2568,
0.3130

Harmonies

Analogous

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



23.1433, 0.3472, 0.3195



23.1433, 0.3606, 0.3405



23.1433, 0.3605, 0.3596

Triad

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



23.1433, 0.3606, 0.3405



23.1433, 0.2999, 0.3592



23.1433, 0.2784, 0.2880

Complementary

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



23.1433, 0.3606, 0.3405



28.1027, 0.2761, 0.3172

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.



23.1433, 0.2669, 0.2965



23.1433, 0.3606, 0.3405



23.1433, 0.2789, 0.3376

Square

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



23.1433, 0.3606, 0.3405



23.1433, 0.3248, 0.3718



23.1433, 0.2671, 0.3144



23.1433, 0.2992, 0.2900

Rectangle

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



23.1433, 0.3606, 0.3405



23.1433, 0.3529, 0.3687



23.1433, 0.2671, 0.3144



23.1433, 0.2734, 0.2897

Sweetspot

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



23.1444, 0.3606, 0.3405



54.3659, 0.3242, 0.3321



22.3451, 0.3230, 0.2783



11.8693, 0.3252, 0.3324



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.



23.1444, 0.3606, 0.3405



37.8525, 0.3752, 0.3433



28.4255, 0.3537, 0.3703



6.8291, 0.3280, 0.3331



6.5437, 0.6184, 0.3472



0.1637, 0.5587, 0.3946

Inverse Universe

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



28.1027, 0.2761, 0.3172



48.3310, 0.2682, 0.3141



22.5204, 0.2733, 0.2840



7.3070, 0.2988, 0.3249



14.7427, 0.2089, 0.2719



0.3120, 0.2159, 0.2971

Previews

White Background



This preview shows how the Yxy color 23.1433, 0.3606, 0.3405 looks on a white background.

Color Contrast Check

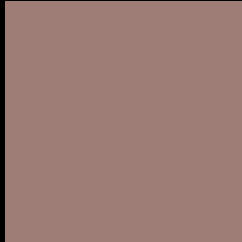
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1433, 0.3606, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

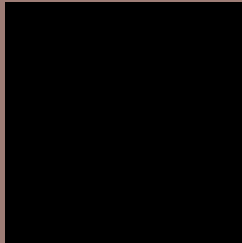
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1433, 0.3606, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 23.1433, 0.3606, 0.3405.



This preview shows how white text looks on a background with the Yxy color 23.1433, 0.3606, 0.3405.

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

23.1433, 0.3606, 0.3405

Protanopia

23.2260, 0.3294, 0.3465

Deuteranopia

23.3257, 0.3520, 0.3457



Tritanopia

23.2028, 0.3466, 0.3148

Trichromacy



Original Color

23.1433, 0.3606, 0.3405

Protanomaly

23.0103, 0.3396, 0.3427

Deuteranomaly

23.2591, 0.3549, 0.3440

Tritanomaly

23.2167, 0.3511, 0.3243

Monochromacy



Original Color

23.1433, 0.3606, 0.3405

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5419, 0.3288, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1433, 0.3606, 0.3405 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(157, 125, 118)` looks like.

```
.text, #text, p{  
    color:rgb(157, 125, 118)  
}
```

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(157, 125, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 125, 118) }
```

Border

The CSS property to change the border of an element to Yxy 23.1433, 0.3606, 0.3405 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(157, 125, 118) }
```

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

```
.border{ border-color:rgb(157, 125, 118) }
```

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

Here you see how a box with a 4 pixel rgb(157, 125, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 125, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 125, 118);  
box-shadow:4px 4px 4px 4px rgb(157, 125,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1433, 0.3606, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 125, 118) }
```

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

```
.background{ background-color: rgb(157,  
125, 118) }
```

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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