

Converting Colors

$Y_{xy}(23.3204, 0.3578, 0.3396)$

Have a look what the booklet for
Yxy(23.3204, 0.3578, 0.3396)
contains.

Yxy(23.3215, 0.3578, 0.3405)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.3215, 0.3578, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	9C7E77
RGB	156, 126, 119
RGB Percent	61%, 49%, 47%
CMY	0.3881, 0.5059, 0.5333
CMYK	0.00, 0.19, 0.24, 0.39
HSL	11°, 16%, 54%
HSV	11°, 24%, 61%
XYZ	24.5064, 23.3215, 20.6640
YIQ	134.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

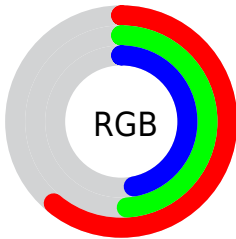
Format	Color
R _Y B	156, 128, 119
Decimal	10255991
CIE Lab	55.40, 10.47, 8.17
CIE LCh	55, 13.282, 37.976
Yxy	23.3215, 0.3578, 0.3405
Android (android.graphics.Color)	4288446071 (0xFF9C7E77)
YUV	134.1720, -7.4798, 19.1432
Hunter-Lab	48.2923, 6.0699, 8.4348

Details

The Yxy color $23.3215, 0.3578, 0.3405$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.8357, 0.2777, 0.3172$, and the grayscale version is $23.9308, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.0294, 0.3478, 0.3388$, and $8.7057, 0.3748, 0.3435$ is the 20% darker color. If you saturate the color by 10%, you get $19.9426, 0.3836, 0.3457$, and if you desaturate by 10%, it is $27.1740, 0.3363, 0.3355$.

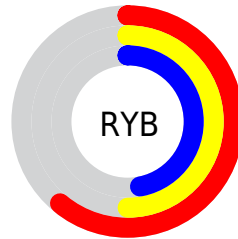
Distribution



Red (61%)

Green (49%)

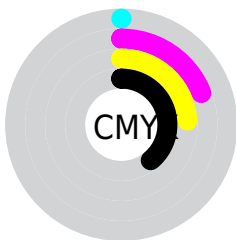
Blue (47%)



Red (61%)

Yellow (50%)

Blue (47%)

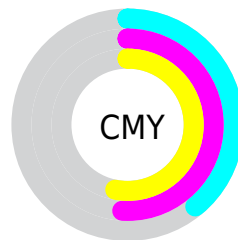


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (39%)



Cyan (39%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3215, 0.3578, 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 23.3215, 0.3578, 0.3405 by changing the saturation by 10% instead.


 23.3215, 0.3578,
0.3405

 23.3215, 0.3578,
0.3405


269.3720, 0.3325,
0.3345


 14.8311, 0.3653,
0.3421


 48.9207, 0.3478,
0.3383

 8.7009, 0.3756,
0.3441


 66.7983, 0.3443,
0.3374

 4.5466, 0.3911,
0.3468

 88.5737, 0.3415,
0.3367

 1.9838, 0.4163,
0.3503

114.6313, 0.3391,
0.3361

 0.5980, 0.5487,
0.3982

145.3555, 0.3370,
0.3356

 0.0000, 0.0000,
0.0000

181.1308, 0.3353,

0.3352

222.3415, 0.3338,
0.3348

■ 23.3215, 0.3578,
0.3405

■ 23.3215, 0.3578,
0.3405

■ 19.9426, 0.3836,
0.3457

■ 27.1740, 0.3363,
0.3355

■ 17.0157, 0.4141,
0.3507

■ 31.5140, 0.3185,
0.3307

■ 14.5224, 0.4494,
0.3550

■ 36.3591, 0.3038,
0.3263

■ 12.4420, 0.4888,
0.3580

■ 41.7247, 0.2916,
0.3222

■ 10.7517, 0.5299,
0.3588

■ 47.6259, 0.2813,
0.3186

■ 9.4266, 0.5689,
0.3566

■ 54.0770, 0.2728,
0.3152

■ 8.4388, 0.6011,
0.3512

■ 61.0917, 0.2655,
0.3122

■ 7.9714, 0.6178,
0.3476

■ 68.6834, 0.2594,
0.3095

■ 76.5757, 0.2562,
0.3118

Harmonies

Analogous

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



23.3215, 0.3456, 0.3207



23.3215, 0.3578, 0.3405



23.3215, 0.3573, 0.3583

Triad

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



23.3215, 0.3578, 0.3405



23.3215, 0.3000, 0.3568



23.3215, 0.2810, 0.2904

Complementary

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



23.3215, 0.3578, 0.3405



27.8357, 0.2777, 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.



23.3215, 0.2698, 0.2981



23.3215, 0.3578, 0.3405



23.3215, 0.2805, 0.3365

Square

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



23.3215, 0.3578, 0.3405



23.3215, 0.3234, 0.3689



23.3215, 0.2697, 0.3147



23.3215, 0.3007, 0.2925

Rectangle

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



23.3215, 0.3578, 0.3405



23.3215, 0.3500, 0.3666



23.3215, 0.2697, 0.3147



23.3215, 0.2761, 0.2918

Sweetspot

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



23.3226, 0.3578, 0.3405



54.4237, 0.3242, 0.3323



22.4444, 0.3231, 0.2816



11.8829, 0.3251, 0.3325



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.



23.3226, 0.3578, 0.3405



39.2754, 0.3696, 0.3430



28.4443, 0.3514, 0.3693



6.8386, 0.3280, 0.3333



6.6025, 0.6167, 0.3485



0.1667, 0.5555, 0.3971

Inverse Universe

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



27.8357, 0.2777, 0.3172



48.7924, 0.2709, 0.3145



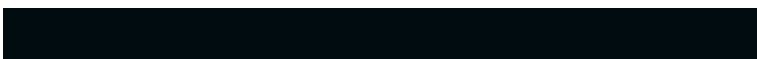
22.4846, 0.2751, 0.2852



7.2967, 0.2988, 0.3247



14.4379, 0.2080, 0.2688



0.3085, 0.2154, 0.2954

Previews

White Background



This preview shows how the Yxy color 23.3215, 0.3578, 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 23.3215, 0.3578, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

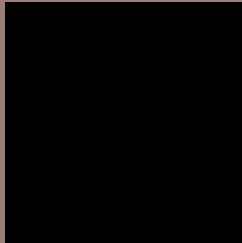
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3215, 0.3578, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 23.3215, 0.3578, 0.3405.



This preview shows how white text looks on a background with the Yxy color 23.3215, 0.3578, 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

23.3215, 0.3578, 0.3405

Protanopia

23.3109, 0.3306, 0.3464

Deuteranopia

23.3496, 0.3509, 0.3441



Tritanopia

23.3779, 0.3439, 0.3147

Trichromacy



Original Color

23.3215, 0.3578, 0.3405

Protanomaly

23.3655, 0.3406, 0.3443

Deuteranomaly

23.2830, 0.3537, 0.3423

Tritanomaly

23.3938, 0.3484, 0.3243

Monochromacy



Original Color

23.3215, 0.3578, 0.3405

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5684, 0.3277, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3215, 0.3578, 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(156, 126, 119)` looks like.

```
.text, #text, p{  
    color:rgb(156, 126, 119)  
}
```

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(156, 126, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 126, 119) }
```

Border

The CSS property to change the border of an element to Yxy 23.3215, 0.3578, 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(156, 126, 119) }
```

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

```
.border{ border-color:rgb(156, 126, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 126, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 126, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 126, 119);  
box-shadow:4px 4px 4px 4px rgb(156, 126,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3215, 0.3578, 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(156, 126, 119) }
```

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

```
.background{ background-color: rgb(156,  
126, 119) }
```

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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