

Converting Colors

$Y_{xy}(22.9298, 0.3744, 0.3250)$

Have a look what the booklet for
Yxy(22.9298, 0.3744, 0.3250)
contains.

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Color

Yxy(23.0091, 0.3743, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	A97779
RGB	169, 119, 121
RGB Percent	66%, 47%, 47%
CMY	0.3373, 0.5333, 0.5255
CMYK	0.00, 0.30, 0.28, 0.34
HSL	358°, 23%, 56%
HSV	358°, 30%, 66%
XYZ	26.4100, 23.0091, 21.1393
YIQ	134.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

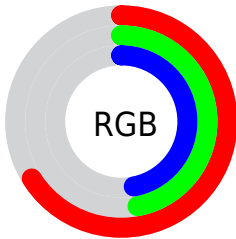
Format	Color
R_{YB}	169, 119, 121
Decimal	11106169
CIE _{Lab}	55.08, 19.89, 6.75
CIE _{LCh}	55, 20.999, 18.740
Yxy	23.0091, 0.3743, 0.3261
Android (android.graphics.Color)	4289296249 (0xFFA97779)
YUV	134.1780, -6.4968, 30.5389
Hunter-Lab	47.9678, 14.3345, 7.4485

Details

The Yxy color **23.0091, 0.3743, 0.3261** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.0876, 0.2723, 0.3320**, and the grayscale version is **23.9259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5297, 0.3605, 0.3280**, and **8.5744, 0.3988, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **18.9736, 0.4055, 0.3251**, and if you desaturate by 10%, it is **27.8290, 0.3489, 0.3271**.

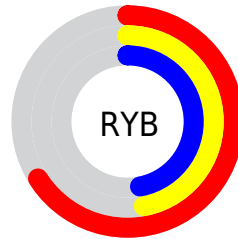
Distribution



Red (66%)

Green (47%)

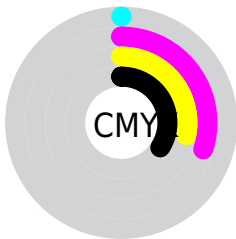
Blue (47%)



Red (66%)

Yellow (47%)

Blue (47%)

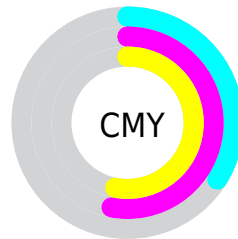


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (34%)



Cyan (34%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0091, 0.3743, 0.3261 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 23.0091, 0.3743, 0.3261 by changing the saturation by 10% instead.


 23.0091, 0.3743,
0.3261


 23.0091, 0.3743,
0.3261


267.7717, 0.3396,
0.3283


 14.6002, 0.3845,
0.3252

 48.4083, 0.3606,
0.3271

 8.5393, 0.3988,
0.3237


 66.1674, 0.3558,
0.3275

 4.4419, 0.4200,
0.3211

 87.8120, 0.3519,
0.3277

 1.9237, 0.4546,
0.3158

113.7265, 0.3486,
0.3279

 0.5626, 0.5949,
0.3240

144.2953, 0.3459,
0.3280

 0.0000, 0.0000,
0.0000

179.9029, 0.3435,

0.3281

220.9336, 0.3414,
0.3282

■ 23.0091, 0.3743,
0.3261

■ 23.0091, 0.3743,
0.3261

■ 18.9736, 0.4055,
0.3251

■ 27.8290, 0.3489,
0.3271

■ 15.6780, 0.4429,
0.3243

■ 33.4682, 0.3285,
0.3281

■ 13.0783, 0.4860,
0.3238


■ 39.9636, 0.3121,
0.3290


■ 11.1246, 0.5323,
0.3239


■ 47.3486, 0.2989,
0.3299


■ 9.7604, 0.5765,
0.3247


■ 55.6553, 0.2882,
0.3307


 8.9193, 0.6121,
0.3263

 64.9137, 0.2796,
0.3314

 8.4664, 0.6346,
0.3274

 75.1526, 0.2724,
0.3320

 8.4496, 0.6354,
0.3274

 86.3999, 0.2666,
0.3326

 87.1748, 0.2647,
0.3289

Harmonies

Analogous

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



23.0091, 0.3441, 0.2979



23.0091, 0.3743, 0.3261



23.0091, 0.3869, 0.3565

Triad

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



23.0091, 0.3743, 0.3261



23.0091, 0.3155, 0.3890



23.0091, 0.2502, 0.2741

Complementary

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



23.0091, 0.3743, 0.3261



35.0876, 0.2723, 0.3320

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.



23.0091, 0.2438, 0.2947



23.0091, 0.3743, 0.3261



23.0091, 0.2800, 0.3630

Square

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



23.0091, 0.3743, 0.3261



23.0091, 0.3515, 0.3954



23.0091, 0.2543, 0.3272



23.0091, 0.2725, 0.2685

Rectangle

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



23.0091, 0.3743, 0.3261



23.0091, 0.3833, 0.3746



23.0091, 0.2543, 0.3272



23.0091, 0.2462, 0.2794

Sweetspot

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



23.0102, 0.3743, 0.3261



60.3997, 0.3277, 0.3281



24.2203, 0.3132, 0.2564



12.8343, 0.3303, 0.3280



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.0102, 0.3743, 0.3261



36.6786, 0.3924, 0.3255



28.9650, 0.3673, 0.3632



7.5470, 0.3280, 0.3281



6.2995, 0.6346, 0.3269



0.1547, 0.6105, 0.3137

Inverse Universe

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



23.0102, 0.3743, 0.3261



36.6786, 0.3924, 0.3255



27.4994, 0.2669, 0.2921



7.5470, 0.3280, 0.3281



6.2995, 0.6346, 0.3269



0.1547, 0.6105, 0.3137

Previews

White Background



This preview shows how the Yxy color 23.0091, 0.3743, 0.3261 looks on a white background.

Color Contrast Check

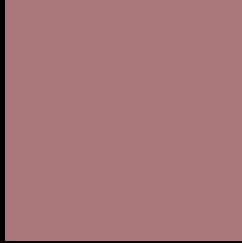
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0091, 0.3743, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

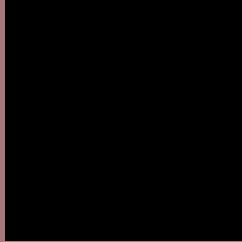
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0091, 0.3743, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 23.0091, 0.3743, 0.3261.



This preview shows how white text looks on a background with the Yxy color 23.0091, 0.3743, 0.3261.

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

23.0091, 0.3743, 0.3261

Protanopia

23.2953, 0.3216, 0.3360

Deuteranopia

22.9947, 0.3499, 0.3425



Tritanopia

23.0352, 0.3682, 0.3154

Trichromacy



Original Color

23.0091, 0.3743, 0.3261

Protanomaly

22.9553, 0.3404, 0.3324

Deuteranomaly

22.9395, 0.3585, 0.3356

Tritanomaly

22.9836, 0.3708, 0.3185

Monochromacy



Original Color

23.0091, 0.3743, 0.3261

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4885, 0.3341, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0091, 0.3743, 0.3261 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(169, 119, 121)` looks like.

```
.text, #text, p{  
    color:rgb(169, 119, 121)  
}
```

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(169, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 119, 121) }
```

Border

The CSS property to change the border of an element to Yxy 23.0091, 0.3743, 0.3261 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(169, 119, 121) }
```

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

```
.border{ border-color:rgb(169, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(169, 119,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0091, 0.3743, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 119, 121) }
```

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

```
.background{ background-color: rgb(169,  
119, 121) }
```

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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