

Converting Colors

$Y_{xy}(20.6582, 0.3964, 0.3325)$

Have a look what the booklet for
Yxy(20.6582, 0.3964, 0.3325)
contains.

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Color

Yxy(20.6696, 0.3963, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	A96E6C
RGB	169, 110, 108
RGB Percent	66%, 43%, 42%
CMY	0.3371, 0.5687, 0.5764
CMYK	0.00, 0.35, 0.36, 0.34
HSL	2°, 26%, 54%
HSV	2°, 36%, 66%
XYZ	24.6505, 20.6696, 16.8815
YIQ	127.4130, 35.8060, 11.8860

Conversions

Conversions Part 2

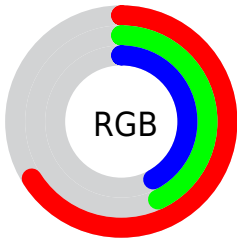
Format	Color
R_{YB}	169, 110, 108
Decimal	11103852
CIE _{Lab}	52.59, 23.23, 10.81
CIE _{LCh}	53, 25.621, 24.951
Yxy	20.6696, 0.3963, 0.3323
Android (android.graphics.Color)	4289293932 (0xFFA96E6C)
YUV	127.4130, -9.5706, 36.4718
Hunter-Lab	45.4638, 17.2211, 9.8093

Details

The Yxy color **20.6696, 0.3963, 0.3323** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.7138, 0.2626, 0.3257**, and the grayscale version is **21.3981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.5126, 0.3778, 0.3327**, and **7.3192, 0.4311, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **17.1356, 0.4323, 0.3332**, and if you desaturate by 10%, it is **24.9268, 0.3665, 0.3313**.

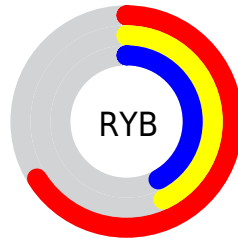
Distribution



Red (66%)

Green (43%)

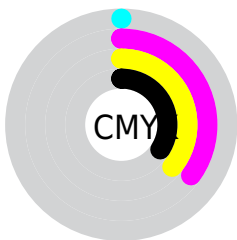
Blue (42%)



Red (66%)

Yellow (43%)

Blue (42%)

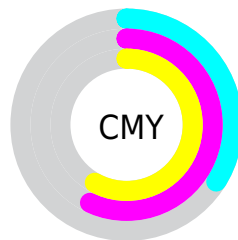


Cyan (0%)

Magenta (35%)

Yellow (36%)

Black (34%)



Cyan (34%)

Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.6696, 0.3963, 0.3323 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 20.6696, 0.3963, 0.3323 by changing the saturation by 10% instead.


 20.6696, 0.3963,
0.3323


 20.6696, 0.3963,
0.3323


255.5174, 0.3484,
0.3316


 12.8827, 0.4108,
0.3319


 44.5370, 0.3772,
0.3324


 7.3478, 0.4311,
0.3308


 61.3863, 0.3706,
0.3323

 3.6806, 0.4618,
0.3282

 82.0252, 0.3652,
0.3322

 1.4965, 0.5140,
0.3221

 106.8381, 0.3607,
0.3321

 0.2863, 0.7456,
0.2544

136.2093, 0.3569,
0.3320


 0.0000, 0.0000,
0.0000


170.5234, 0.3537,


0.3319


210.1646, 0.3509,
0.3317


 20.6696, 0.3963,
0.3323

 20.6696, 0.3963,
0.3323

 17.1356, 0.4323,
0.3332


 24.9268, 0.3665,
0.3313

 14.2819, 0.4743,
0.3339


 29.9412, 0.3423,
0.3304

 12.0656, 0.5203,
0.3343


 35.7480, 0.3227,
0.3295

 10.4379, 0.5659,
0.3341


 42.3796, 0.3070,
0.3287


 9.3426, 0.6045,
0.3332

 49.8664, 0.2943,
0.3280


 8.7122, 0.6300,
0.3319

 58.2372, 0.2839,
0.3273

 8.5572, 0.6375,
0.3320

 67.5197, 0.2755,
0.3267

 77.7402, 0.2685,
0.3262

 87.1785, 0.2647,
0.3289

Harmonies

Analogous

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



20.6696, 0.3615, 0.2967



20.6696, 0.3963, 0.3323



20.6696, 0.4064, 0.3696

Triad

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



20.6696, 0.3963, 0.3323



20.6696, 0.3057, 0.4011



20.6696, 0.2390, 0.2573

Complementary

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



20.6696, 0.3963, 0.3323



33.7138, 0.2626, 0.3257

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.



20.6696, 0.2270, 0.2784



20.6696, 0.3963, 0.3323



20.6696, 0.2634, 0.3633

Square

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



20.6696, 0.3963, 0.3323



20.6696, 0.3520, 0.4141



20.6696, 0.2354, 0.3165



20.6696, 0.2698, 0.2549

Rectangle

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



20.6696, 0.3963, 0.3323



20.6696, 0.3978, 0.3915



20.6696, 0.2354, 0.3165



20.6696, 0.2328, 0.2623

Sweetspot

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



20.6706, 0.3963, 0.3323



58.5152, 0.3321, 0.3300



21.9944, 0.3180, 0.2428



12.4656, 0.3347, 0.3301



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.



20.6706, 0.3963, 0.3323



32.0387, 0.4234, 0.3330



28.1435, 0.3802, 0.3770



7.5797, 0.3285, 0.3298



6.3904, 0.6370, 0.3324



0.1673, 0.6234, 0.3432

Inverse Universe

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



33.7138, 0.2626, 0.3257



58.7309, 0.2539, 0.3249



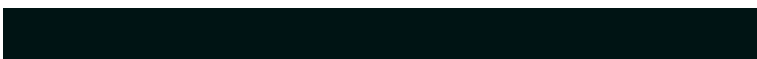
24.0903, 0.2557, 0.2754



8.4898, 0.2987, 0.3282



21.8154, 0.2220, 0.3190



0.5431, 0.2229, 0.3225

Previews

White Background



This preview shows how the Yxy color 20.6696, 0.3963, 0.3323 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 20.6696, 0.3963, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

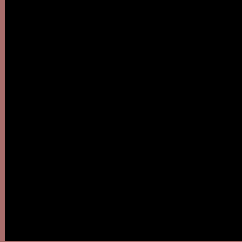
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.6696, 0.3963, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 20.6696, 0.3963, 0.3323.



This preview shows how white text looks on a background with the Yxy color 20.6696, 0.3963, 0.3323.

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

20.6696, 0.3963, 0.3323

Protanopia

20.6740, 0.3291, 0.3455

Deuteranopia

20.7351, 0.3617, 0.3552



Tritanopia

20.7677, 0.3854, 0.3169

Trichromacy



Original Color

20.6696, 0.3963, 0.3323

Protanomaly

20.5545, 0.3520, 0.3413

Deuteranomaly

20.6541, 0.3741, 0.3459

Tritanomaly

20.6982, 0.3896, 0.3215

Monochromacy



Original Color

20.6696, 0.3963, 0.3323

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.7816, 0.3404, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6696, 0.3963, 0.3323 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, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(169, 110, 108)  
}
```

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, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 110, 108) }
```

Border

The CSS property to change the border of an element to Yxy 20.6696, 0.3963, 0.3323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

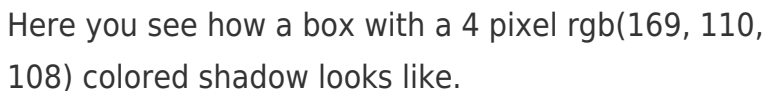
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 110, 108) }
```

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

```
.border{ border-color:rgb(169, 110, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 110, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 110, 108); box-shadow:4px 4px 4px 4px rgb(169, 110, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6696, 0.3963, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 110, 108) }
```

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

```
.background{ background-color: rgb(169,  
110, 108) }
```

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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