

Converting Colors

$Y_{xy}(22.7125, 0.4108, 0.3348)$

Have a look what the booklet for
Yxy(22.7125, 0.4108, 0.3348)
contains.

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Color

Yxy(22.6376, 0.4104, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	B6706D
RGB	182, 112, 109
RGB Percent	71%, 44%, 43%
CMY	0.2862, 0.5608, 0.5725
CMYK	0.00, 0.38, 0.40, 0.29
HSL	2°, 33%, 57%
HSV	2°, 40%, 71%
XYZ	27.8491, 22.6376, 17.3718
YIQ	132.5880, 42.6830, 13.9070

Conversions

Conversions Part 2

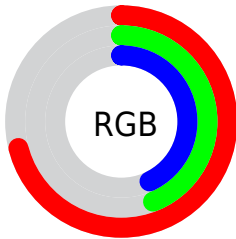
Format	Color
R _Y B	182, 112, 109
Decimal	11956333
CIE Lab	54.70, 27.37, 13.42
CIE LCh	55, 30.478, 26.120
Yxy	22.6376, 0.4104, 0.3336
Android (android.graphics.Color)	4290146413 (0xFFB6706D)
YUV	132.5880, -11.6289, 43.3343
Hunter-Lab	47.5790, 21.2171, 11.6577

Details

The Yxy color **22.6376, 0.4104, 0.3336** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.8818, 0.2575, 0.3243**, and the grayscale version is **23.3301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9736, 0.3890, 0.3348**, and **8.4148, 0.4489, 0.3314** is the 20% darker color. If you saturate the color by 10%, you get **18.8006, 0.4490, 0.3347**, and if you desaturate by 10%, it is **27.3048, 0.3780, 0.3324**.

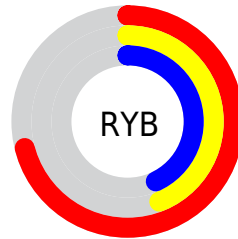
Distribution



Red (71%)

Green (44%)

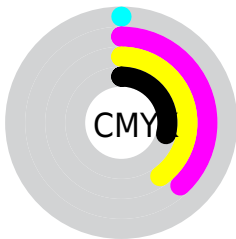
Blue (43%)



Red (71%)

Yellow (44%)

Blue (43%)

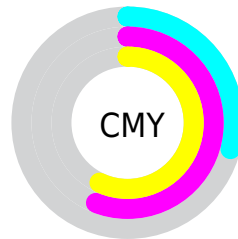


Cyan (0%)

Magenta (38%)

Yellow (40%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6376, 0.4104, 0.3336 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 22.6376, 0.4104, 0.3336 by changing the saturation by 10% instead.


 22.6376, 0.4104,
0.3336


 22.6376, 0.4104,
0.3336


265.8581, 0.3552,
0.3327


 14.3261, 0.4267,
0.3331

 47.7976, 0.3886,
0.3337

 8.3479, 0.4492,
0.3317


 65.4149, 0.3810,
0.3336

 4.3183, 0.4823,
0.3285

 86.9029, 0.3747,
0.3335

 1.8532, 0.5354,
0.3205

 112.6461, 0.3695,
0.3333

 0.5200, 0.6985,
0.3015

143.0288, 0.3651,
0.3332

 0.0000, 1.0000,
0.0000


178.4355, 0.3613,


 0.0000, 0.0000,

0.3330


0.0000

219.2505, 0.3580,
0.3328


 22.6376, 0.4104,
0.3336


 22.6376, 0.4104,
0.3336

 18.8006, 0.4490,
0.3347

 27.3048, 0.3780,
0.3324


 15.7421, 0.4931,
0.3354


 32.8434, 0.3515,
0.3312


 13.4098, 0.5396,
0.3355


 39.2957, 0.3301,
0.3301


 11.7435, 0.5832,
0.3349


 46.7003, 0.3129,
0.3290


 10.6737, 0.6168,
0.3334

 55.0939, 0.2990,
0.3280

 10.1088, 0.6371,
0.3324

 64.5107, 0.2877,
0.3272

 74.9838, 0.2785,
0.3264

 86.5445, 0.2709,
0.3257

 88.6871, 0.2711,
0.3289

Harmonies

Analogous

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



22.6376, 0.3708, 0.2933



22.6376, 0.4104, 0.3336



22.6376, 0.4204, 0.3759

Triad

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



22.6376, 0.4104, 0.3336



22.6376, 0.3020, 0.4121



22.6376, 0.2297, 0.2466

Complementary

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



22.6376, 0.4104, 0.3336



38.8818, 0.2575, 0.3243

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.



22.6376, 0.2152, 0.2690



22.6376, 0.4104, 0.3336



22.6376, 0.2542, 0.3666

Square

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



22.6376, 0.4104, 0.3336



22.6376, 0.3551, 0.4277



22.6376, 0.2235, 0.3119



22.6376, 0.2651, 0.2451

Rectangle

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



22.6376, 0.4104, 0.3336



22.6376, 0.4093, 0.4011



22.6376, 0.2235, 0.3119



22.6376, 0.2224, 0.2517

Sweetspot

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



22.6387, 0.4104, 0.3336



68.6408, 0.3342, 0.3303



24.1645, 0.3200, 0.2346



14.8149, 0.3369, 0.3305



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



22.6387, 0.4104, 0.3336



34.9003, 0.4437, 0.3345



32.2143, 0.3894, 0.3843



9.0695, 0.3287, 0.3300



7.1613, 0.6364, 0.3329



0.2725, 0.6222, 0.3441

Inverse Universe

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



38.8818, 0.2575, 0.3243



68.3486, 0.2483, 0.3231



26.2984, 0.2485, 0.2658



10.1459, 0.2985, 0.3280



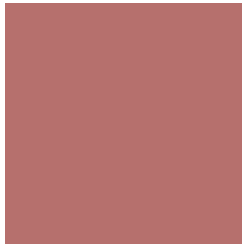
23.9388, 0.2212, 0.3164



0.8635, 0.2222, 0.3198

Previews

White Background



This preview shows how the Yxy color 22.6376, 0.4104, 0.3336 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 22.6376, 0.4104, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

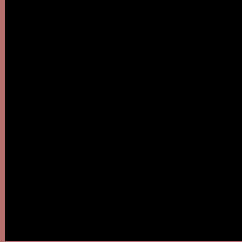
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6376, 0.4104, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 22.6376, 0.4104, 0.3336.



This preview shows how white text looks on a background with the Yxy color 22.6376, 0.4104, 0.3336.

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

22.6376, 0.4104, 0.3336

Protanopia

22.8590, 0.3340, 0.3518

Deuteranopia

22.7346, 0.3698, 0.3624



Tritanopia

22.7681, 0.3983, 0.3178

Trichromacy



Original Color

22.6376, 0.4104, 0.3336

Protanomaly

22.4254, 0.3596, 0.3441

Deuteranomaly

22.6288, 0.3851, 0.3514

Tritanomaly

22.6740, 0.4039, 0.3235

Monochromacy



Original Color

22.6376, 0.4104, 0.3336

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.7018, 0.3458, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6376, 0.4104, 0.3336 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(182, 112, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 112, 109)  
}
```

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(182, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 112, 109) }
```

Border

The CSS property to change the border of an element to Yxy 22.6376, 0.4104, 0.3336 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(182, 112, 109) }
```

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

```
.border{ border-color:rgb(182, 112, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 112, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 112, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 112, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 112,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6376, 0.4104, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 112, 109) }
```

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

```
.background{ background-color: rgb(182,  
112, 109) }
```

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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