

Converting Colors

$Y_{xy}(22.1293, 0.4046, 0.3141)$

Have a look what the booklet for
Yxy(22.1293, 0.4046, 0.3141)
contains.

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Color

Yxy(22.1377, 0.4043, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	B96B76
RGB	185, 107, 118
RGB Percent	73%, 42%, 46%
CMY	0.2744, 0.5804, 0.5372
CMYK	0.00, 0.42, 0.36, 0.27
HSL	352°, 36%, 57%
HSV	352°, 42%, 73%
XYZ	28.5404, 22.1377, 19.9140
YIQ	131.5760, 42.9570, 19.9570

Conversions

Conversions Part 2

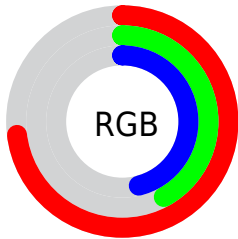
Format	Color
R_{YB}	185, 107, 118
Decimal	12151670
CIE _{Lab}	54.17, 32.35, 7.46
CIE _{LCh}	54, 33.200, 12.988
Yxy	22.1377, 0.4043, 0.3136
Android (android.graphics.Color)	4290341750 (0xFFB96B76)
YUV	131.5760, -6.6930, 46.8528
Hunter-Lab	47.0507, 25.9372, 7.8412

Details

The Yxy color **22.1377, 0.4043, 0.3136** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.8887, 0.2626, 0.3458**, and the grayscale version is **22.9274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0986, 0.3837, 0.3182**, and **8.0356, 0.4404, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **18.3388, 0.4393, 0.3105**, and if you desaturate by 10%, it is **26.8278, 0.3749, 0.3173**.

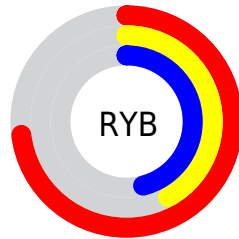
Distribution



Red (73%)

Green (42%)

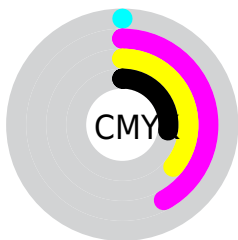
Blue (46%)



Red (73%)

Yellow (42%)

Blue (46%)

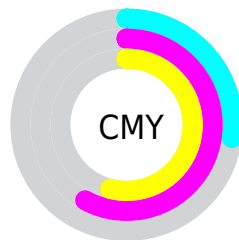


Cyan (0%)

Magenta (42%)

Yellow (36%)

Black (27%)



Cyan (27%)


Magenta (58%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1377, 0.4043, 0.3136 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 22.1377, 0.4043, 0.3136 by changing the saturation by 10% instead.


 22.1377, 0.4043,
0.3136

 22.1377, 0.4043,
0.3136


263.2645, 0.3525,
0.3233


 13.9581, 0.4196,
0.3103


 46.9735, 0.3838,
0.3177


 8.0915, 0.4410,
0.3054


 64.3985, 0.3767,
0.3191

 4.1536, 0.4726,
0.2974

 85.6740, 0.3708,
0.3201

 1.7598, 0.5235,
0.2829

 111.1846, 0.3659,
0.3210

 0.4620, 0.7365,
0.2635

141.3145, 0.3618,
0.3217

 0.0000, 1.0000,
0.0000

176.4482, 0.3582,

 0.0000, 0.0000,

0.3223

0.0000

216.9701, 0.3552,
0.3228

■ 22.1377, 0.4043,
0.3136

■ 22.1377, 0.4043,
0.3136

■ 18.3388, 0.4393,
0.3105

■ 26.8278, 0.3749,
0.3173

■ 15.3714, 0.4795,
0.3085

■ 32.4572, 0.3509,
0.3211

■ 13.1739, 0.5227,
0.3083


■ 39.0745, 0.3314,
0.3248

■ 11.6746, 0.5649,
0.3106

■ 46.7239, 0.3157,
0.3283


■ 10.7880, 0.6003,
0.3154

■ 55.4470, 0.3030,
0.3315

 10.3925, 0.6212,
0.3196

 65.2832, 0.2927,
0.3345

 76.2696, 0.2844,
0.3371

 88.4369, 0.2775,
0.3396

 89.0572, 0.2726,
0.3289

Harmonies

Analogous

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



22.1377, 0.3508, 0.2736



22.1377, 0.4043, 0.3136



22.1377, 0.4305, 0.3593

Triad

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



22.1377, 0.4043, 0.3136



22.1377, 0.3260, 0.4332



22.1377, 0.2127, 0.2468

Complementary

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



22.1377, 0.4043, 0.3136



40.8887, 0.2626, 0.3458

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.



22.1377, 0.2076, 0.2808



22.1377, 0.4043, 0.3136



22.1377, 0.2695, 0.3955

Square

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



22.1377, 0.4043, 0.3136



22.1377, 0.3818, 0.4329



22.1377, 0.2272, 0.3356



22.1377, 0.2412, 0.2359

Rectangle

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



22.1377, 0.4043, 0.3136



22.1377, 0.4280, 0.3892



22.1377, 0.2272, 0.3356



22.1377, 0.2083, 0.2555

Sweetspot

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



22.1388, 0.4043, 0.3136



68.6491, 0.3333, 0.3244



22.9375, 0.3042, 0.2228



14.2135, 0.3373, 0.3236



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.



22.1388, 0.4043, 0.3136



33.0430, 0.4380, 0.3106



28.5121, 0.4030, 0.3679



9.0323, 0.3266, 0.3258



7.0810, 0.6188, 0.3183



0.2563, 0.5608, 0.2863

Inverse Universe

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



22.1388, 0.4043, 0.3136



33.0430, 0.4380, 0.3106



30.9843, 0.2489, 0.2857



9.0323, 0.3266, 0.3258



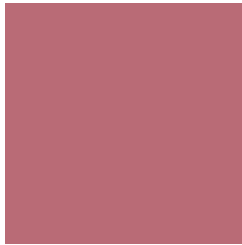
7.0810, 0.6188, 0.3183



0.2563, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 22.1377, 0.4043, 0.3136 looks on a white background.

Color Contrast Check

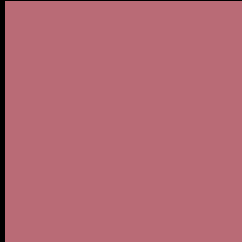
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1377, 0.4043, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

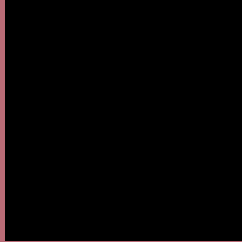
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1377, 0.4043, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 22.1377, 0.4043, 0.3136.



This preview shows how white text looks on a background with the Yxy color 22.1377, 0.4043, 0.3136.

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

22.1377, 0.4043, 0.3136

Protanopia

22.2178, 0.3151, 0.3272

Deuteranopia

22.2009, 0.3529, 0.3461



Tritanopia

22.0675, 0.4086, 0.3179

Trichromacy



Original Color

22.1377, 0.4043, 0.3136

Protanomaly

21.7604, 0.3445, 0.3208

Deuteranomaly

21.7949, 0.3710, 0.3324

Tritanomaly

22.0906, 0.4071, 0.3165

Monochromacy



Original Color

22.1377, 0.4043, 0.3136

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.2775, 0.3427, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1377, 0.4043, 0.3136 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(185, 107, 118)` looks like.

```
.text, #text, p{  
    color:rgb(185, 107, 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(185, 107, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 107, 118) }
```

Border

The CSS property to change the border of an element to Yxy 22.1377, 0.4043, 0.3136 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(185, 107, 118) }
```

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

```
.border{ border-color:rgb(185, 107, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 107, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 107, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 107, 118);  
box-shadow:4px 4px 4px 4px rgb(185, 107,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1377, 0.4043, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 107, 118) }
```

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

```
.background{ background-color: rgb(185,  
107, 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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