

Converting Colors

$Y_{xy}(22.7984, 0.4060, 0.3188)$

Have a look what the booklet for
Yxy(22.7984, 0.4060, 0.3188)
contains.

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Color

Yxy(22.8753, 0.4054, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	BA6E75
RGB	186, 110, 117
RGB Percent	73%, 43%, 46%
CMY	0.2706, 0.5686, 0.5412
CMYK	0.00, 0.41, 0.37, 0.27
HSL	354°, 36%, 58%
HSV	354°, 41%, 73%
XYZ	29.0346, 22.8753, 19.7097
YIQ	133.5220, 43.0490, 18.2890

Conversions

Conversions Part 2

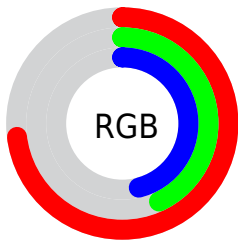
Format	Color
R_{YB}	186, 110, 117
Decimal	12217973
CIE _{Lab}	54.94, 30.95, 9.18
CIE _{LCh}	55, 32.282, 16.521
Yxy	22.8753, 0.4054, 0.3194
Android (android.graphics.Color)	4290408053 (0xFFBA6E75)
YUV	133.5220, -8.1453, 46.0232
Hunter-Lab	47.8281, 24.6611, 9.0466

Details

The Yxy color **22.8753, 0.4054, 0.3194** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.6862, 0.2616, 0.3394**, and the grayscale version is **23.6749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2921, 0.3846, 0.3226**, and **8.4072, 0.4417, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **18.9129, 0.4419, 0.3174**, and if you desaturate by 10%, it is **27.7540, 0.3749, 0.3218**.

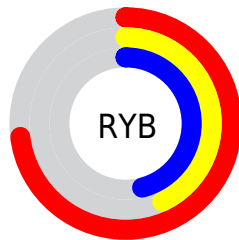
Distribution



Red (73%)

Green (43%)

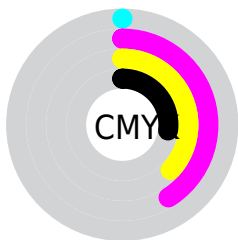
Blue (46%)



Red (73%)

Yellow (43%)

Blue (46%)

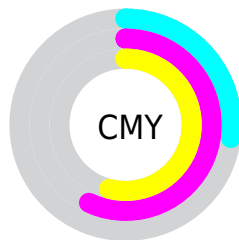


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (27%)



Cyan (27%)


Magenta (57%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8753, 0.4054, 0.3194 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 22.8753, 0.4054, 0.3194 by changing the saturation by 10% instead.


 22.8753, 0.4054,
0.3194

 22.8753, 0.4054,
0.3194


267.0839, 0.3532,
0.3260


 14.5015, 0.4207,
0.3169


 48.1885, 0.3848,
0.3223

 8.4703, 0.4420,
0.3131


 65.8966, 0.3776,
0.3233

 4.3973, 0.4734,
0.3067

 87.4850, 0.3717,
0.3240

 1.8982, 0.5235,
0.2945

 113.3379, 0.3667,
0.3245

 0.5473, 0.7122,
0.2878

143.8399, 0.3626,
0.3250

 0.0000, 1.0000,
0.0000

179.3753, 0.3590,

 0.0000, 0.0000,

0.3254

0.0000

220.3285, 0.3559,
0.3257

■ 22.8753, 0.4054,
0.3194

■ 22.8753, 0.4054,
0.3194

■ 18.9129, 0.4419,
0.3174

■ 27.7540, 0.3749,
0.3218

■ 15.8063, 0.4838,
0.3162

■ 33.5978, 0.3501,
0.3242

■ 13.4934, 0.5288,
0.3162


■ 40.4558, 0.3301,
0.3266


■ 11.9020, 0.5722,
0.3178

■ 48.3730, 0.3139,
0.3288

■ 10.9468, 0.6077,
0.3211

■ 57.3917, 0.3010,
0.3309

 10.4790, 0.6298,
0.3243

 67.5518, 0.2905,
0.3328

 78.8913, 0.2819,
0.3345

 88.9943, 0.2745,
0.3320

 89.1783, 0.2731,
0.3289

Harmonies

Analogous

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



22.8753, 0.3563, 0.2796



22.8753, 0.4054, 0.3194



22.8753, 0.4268, 0.3638

Triad

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



22.8753, 0.4054, 0.3194



22.8753, 0.3191, 0.4264



22.8753, 0.2182, 0.2474

Complementary

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



22.8753, 0.4054, 0.3194



41.6862, 0.2616, 0.3394

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.



22.8753, 0.2106, 0.2778



22.8753, 0.4054, 0.3194



22.8753, 0.2655, 0.3866

Square

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



22.8753, 0.4054, 0.3194



22.8753, 0.3737, 0.4308



22.8753, 0.2268, 0.3286



22.8753, 0.2484, 0.2392

Rectangle

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



22.8753, 0.4054, 0.3194



22.8753, 0.4218, 0.3922



22.8753, 0.2268, 0.3286



22.8753, 0.2130, 0.2550

Sweetspot

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



22.8764, 0.4054, 0.3194



71.5506, 0.3325, 0.3263



24.2108, 0.3089, 0.2273



15.3820, 0.3350, 0.3260



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



22.8764, 0.4054, 0.3194



34.9573, 0.4378, 0.3176



30.4387, 0.3970, 0.3719



9.0252, 0.3274, 0.3269



7.0556, 0.6279, 0.3233



0.2532, 0.5855, 0.2999

Inverse Universe

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



22.8764, 0.4054, 0.3194



34.9573, 0.4378, 0.3176



30.5036, 0.2498, 0.2811



9.0252, 0.3274, 0.3269



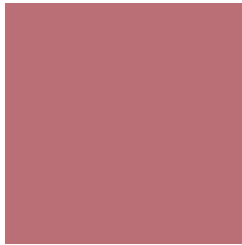
7.0556, 0.6279, 0.3233



0.2532, 0.5855, 0.2999

Previews

White Background



This preview shows how the Yxy color 22.8753, 0.4054, 0.3194 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 22.8753, 0.4054, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

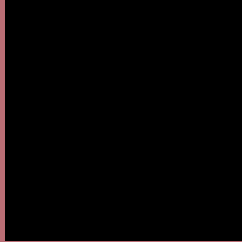
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8753, 0.4054, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 22.8753, 0.4054, 0.3194.



This preview shows how white text looks on a background with the Yxy color 22.8753, 0.4054, 0.3194.

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

22.8753, 0.4054, 0.3194

Protanopia

22.9420, 0.3206, 0.3343

Deuteranopia

22.9730, 0.3572, 0.3508



Tritanopia

22.8990, 0.4040, 0.3180

Trichromacy



Original Color

22.8753, 0.4054, 0.3194

Protanomaly

22.4912, 0.3501, 0.3275

Deuteranomaly

22.8051, 0.3749, 0.3387

Tritanomaly

22.8990, 0.4040, 0.3180

Monochromacy



Original Color

22.8753, 0.4054, 0.3194

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9980, 0.3435, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8753, 0.4054, 0.3194 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(186, 110, 117)` looks like.

```
.text, #text, p{  
    color:rgb(186, 110, 117)  
}
```

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(186, 110, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 110, 117) }
```

Border

The CSS property to change the border of an element to Yxy 22.8753, 0.4054, 0.3194 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(186, 110, 117) }
```

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

```
.border{ border-color:rgb(186, 110, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 110, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 110, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 110, 117);  
box-shadow:4px 4px 4px 4px rgb(186, 110,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8753, 0.4054, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 110, 117) }
```

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

```
.background{ background-color: rgb(186,  
110, 117) }
```

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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