

Converting Colors

$Y_{xy}(21.3502, 0.3975, 0.3149)$

Have a look what the booklet for
Yxy(21.3502, 0.3975, 0.3149)
contains.

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Color

Yxy(21.2647, 0.3968, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	B26B75
RGB	178, 107, 117
RGB Percent	70%, 42%, 46%
CMY	0.3019, 0.5804, 0.5412
CMYK	0.00, 0.40, 0.34, 0.30
HSL	352°, 32%, 56%
HSV	352°, 40%, 70%
XYZ	26.8294, 21.2647, 19.5203
YIQ	129.3690, 39.1060, 18.1620

Conversions

Conversions Part 2

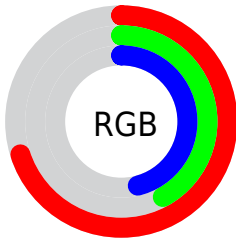
Format	Color
R _Y B	178, 107, 117
Decimal	11692917
CIE Lab	53.24, 29.55, 6.60
CIE LCh	53, 30.279, 12.595
Yxy	21.2647, 0.3968, 0.3145
Android (android.graphics.Color)	4289882997 (0xFFB26B75)
YUV	129.3690, -6.0979, 42.6494
Hunter-Lab	46.1137, 23.1540, 7.1817

Details

The Yxy color **21.2647, 0.3968, 0.3145** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.7957, 0.2649, 0.3447**, and the grayscale version is **22.1013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3230, 0.3774, 0.3179**, and **7.6667, 0.4308, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **17.5974, 0.4304, 0.3112**, and if you desaturate by 10%, it is **25.7568, 0.3688, 0.3182**.

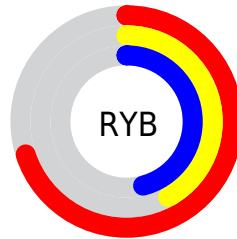
Distribution



Red (70%)

Green (42%)

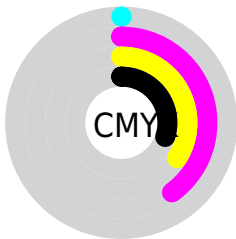
Blue (46%)



Red (70%)

Yellow (42%)

Blue (46%)

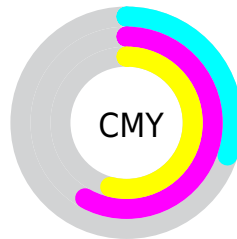


Cyan (0%)

Magenta (40%)

Yellow (34%)

Black (30%)



Cyan (30%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2647, 0.3968, 0.3145 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 21.2647, 0.3968, 0.3145 by changing the saturation by 10% instead.


 21.2647, 0.3968,
0.3145


 21.2647, 0.3968,
0.3145


258.6819, 0.3490,
0.3235


 13.3176, 0.4111,
0.3114


 45.5277, 0.3778,
0.3183


 7.6476, 0.4312,
0.3068


 62.6123, 0.3712,
0.3196

 3.8703, 0.4612,
0.2993


 83.5116, 0.3658,
0.3206

 1.6013, 0.5105,
0.2855

 108.6100, 0.3613,
0.3214

 0.3585, 0.7511,
0.2489

138.2918, 0.3575,
0.3221

 0.0000, 1.0000,
0.0000

172.9415, 0.3542,

 0.0000, 0.0000,

0.3227

0.0000

212.9434, 0.3514,
0.3231

■ 21.2647, 0.3968,
0.3145

■ 21.2647, 0.3968,
0.3145

■ 17.5974, 0.4304,
0.3112

■ 25.7568, 0.3688,
0.3182

■ 14.7018, 0.4693,
0.3089

■ 31.1166, 0.3460,
0.3220

■ 12.5233, 0.5120,
0.3082

■ 37.3874, 0.3275,
0.3256


■ 10.9990, 0.5548,
0.3098


■ 44.6089, 0.3126,
0.3290


■ 10.0549, 0.5924,
0.3140

■ 52.8186, 0.3005,
0.3322


 9.5410, 0.6205,
0.3193

 62.0516, 0.2907,
0.3351

 9.5359, 0.6208,
0.3194

 72.3416, 0.2827,
0.3377

 83.7206, 0.2761,
0.3400

 88.1825, 0.2693,
0.3293

Harmonies

Analogous

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



21.2647, 0.3474, 0.2770



21.2647, 0.3968, 0.3145



21.2647, 0.4216, 0.3573

Triad

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



21.2647, 0.3968, 0.3145



21.2647, 0.3262, 0.4249



21.2647, 0.2192, 0.2530

Complementary

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



21.2647, 0.3968, 0.3145



37.7957, 0.2649, 0.3447

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.



21.2647, 0.2149, 0.2854



21.2647, 0.3968, 0.3145



21.2647, 0.2736, 0.3907

Square

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



21.2647, 0.3968, 0.3145



21.2647, 0.3778, 0.4251



21.2647, 0.2337, 0.3362



21.2647, 0.2458, 0.2422

Rectangle

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



21.2647, 0.3968, 0.3145



21.2647, 0.4198, 0.3851



21.2647, 0.2337, 0.3362



21.2647, 0.2152, 0.2614

Sweetspot

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



21.2657, 0.3968, 0.3145



65.0072, 0.3314, 0.3248



21.9845, 0.3049, 0.2287



14.0695, 0.3337, 0.3243



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



21.2657, 0.3968, 0.3145



32.5455, 0.4266, 0.3115



26.9897, 0.3962, 0.3656



8.5241, 0.3266, 0.3258



6.8285, 0.6187, 0.3182



0.2210, 0.5574, 0.2844

Inverse Universe

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



21.2657, 0.3968, 0.3145



32.5455, 0.4266, 0.3115



29.1732, 0.2524, 0.2886



8.5241, 0.3266, 0.3258



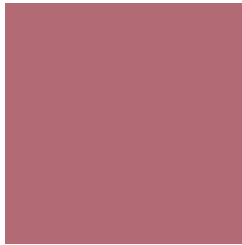
6.8285, 0.6187, 0.3182



0.2210, 0.5574, 0.2844

Previews

White Background



This preview shows how the Yxy color 21.2647, 0.3968, 0.3145 looks on a white background.

Color Contrast Check

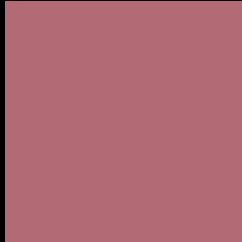
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2647, 0.3968, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

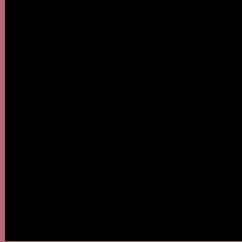
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2647, 0.3968, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 21.2647, 0.3968, 0.3145.



This preview shows how white text looks on a background with the Yxy color 21.2647, 0.3968, 0.3145.

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

21.2647, 0.3968, 0.3145

Protanopia

21.4831, 0.3152, 0.3272

Deuteranopia

21.4006, 0.3510, 0.3446



Tritanopia

21.2182, 0.3997, 0.3175

Trichromacy



Original Color

21.2647, 0.3968, 0.3145

Protanomaly

21.0912, 0.3421, 0.3223

Deuteranomaly

21.1285, 0.3676, 0.3324

Tritanomaly

21.2413, 0.3982, 0.3160

Monochromacy



Original Color

21.2647, 0.3968, 0.3145

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3585, 0.3406, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2647, 0.3968, 0.3145 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(178, 107, 117)` looks like.

```
.text, #text, p{  
    color:rgb(178, 107, 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(178, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 107, 117) }
```

Border

The CSS property to change the border of an element to Yxy 21.2647, 0.3968, 0.3145 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(178, 107, 117) }
```

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

```
.border{ border-color:rgb(178, 107, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 107, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(178, 107,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2647, 0.3968, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 107, 117) }
```

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

```
.background{ background-color: rgb(178,  
107, 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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