

Converting Colors

$Yxy(21.8095, 0.4070, 0.3177)$

Have a look what the booklet for
Yxy(21.8095, 0.4070, 0.3177)
contains.

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Color

Yxy(21.8205, 0.4061, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	B76B73
RGB	183, 107, 115
RGB Percent	72%, 42%, 45%
CMY	0.2823, 0.5804, 0.5491
CMYK	0.00, 0.42, 0.37, 0.28
HSL	354°, 35%, 57%
HSV	354°, 42%, 72%
XYZ	27.8833, 21.8205, 18.9573
YIQ	130.6360, 42.7280, 18.6000

Conversions

Conversions Part 2

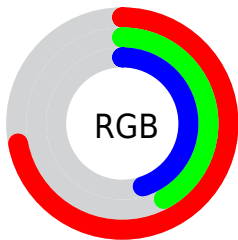
Format	Color
R_{YB}	183, 107, 115
Decimal	12020595
CIE _{Lab}	53.84, 31.21, 8.73
CIE _{LCh}	54, 32.410, 15.624
Yxy	21.8205, 0.4061, 0.3178
Android (android.graphics.Color)	4290210675 (0xFFB76B73)
YUV	130.6360, -7.7085, 45.9232
Hunter-Lab	46.7124, 24.8023, 8.6370

Details

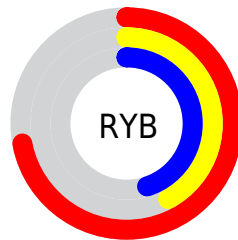
The Yxy color **21.8205, 0.4061, 0.3178** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.0965, 0.2616, 0.3412**, and the grayscale version is **22.5772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6324, 0.3848, 0.3214**, and **7.9434, 0.4428, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **18.0569, 0.4423, 0.3155**, and if you desaturate by 10%, it is **26.4609, 0.3758, 0.3205**.

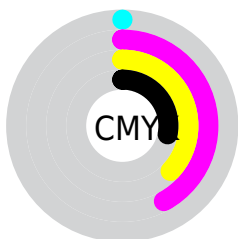
Distribution



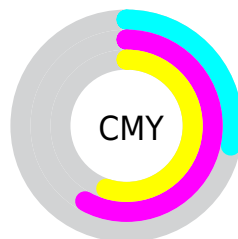
- Red (72%)
- Green (42%)
- Blue (45%)



- Red (72%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (37%)
- Black (28%)





- Cyan (28%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8205, 0.4061, 0.3178 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 21.8205, 0.4061, 0.3178 by changing the saturation by 10% instead.


 21.8205, 0.4061,
0.3178


 21.8205, 0.4061,
0.3178


261.6074, 0.3531,
0.3253


 13.7251, 0.4218,
0.3150


 46.4491, 0.3851,
0.3211


 7.9297, 0.4438,
0.3108


 63.7511, 0.3778,
0.3222

 4.0500, 0.4764,
0.3037


 84.8908, 0.3718,
0.3230

 1.7016, 0.5291,
0.2901

 110.2525, 0.3668,
0.3236

 0.4247, 0.7400,
0.2600

140.2206, 0.3626,
0.3242

 0.0000, 1.0000,
0.0000

175.1795, 0.3590,

 0.0000, 0.0000,

0.3246

0.0000

215.5137, 0.3559,
0.3250

■ 21.8205, 0.4061,
0.3178

■ 21.8205, 0.4061,
0.3178

■ 18.0569, 0.4423,
0.3155

■ 26.4609, 0.3758,
0.3205

■ 15.1118, 0.4839,
0.3141

■ 32.0250, 0.3510,
0.3233

■ 12.9252, 0.5284,
0.3141


■ 38.5602, 0.3310,
0.3260


■ 11.4273, 0.5714,
0.3160

■ 46.1099, 0.3149,
0.3286

■ 10.5355, 0.6066,
0.3198

■ 54.7147, 0.3019,
0.3310

 10.1174, 0.6276,
0.3231

 64.4130, 0.2914,
0.3332

 75.2413, 0.2828,
0.3351

 87.2344, 0.2758,
0.3369

 88.8096, 0.2716,
0.3289

Harmonies

Analogous

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



21.8205, 0.3553, 0.2776



21.8205, 0.4061, 0.3178



21.8205, 0.4289, 0.3629

Triad

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



21.8205, 0.4061, 0.3178



21.8205, 0.3208, 0.4292



21.8205, 0.2159, 0.2464

Complementary

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



21.8205, 0.4061, 0.3178



40.0965, 0.2616, 0.3412

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.



21.8205, 0.2089, 0.2780



21.8205, 0.4061, 0.3178



21.8205, 0.2660, 0.3894

Square

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



21.8205, 0.4061, 0.3178



21.8205, 0.3762, 0.4324



21.8205, 0.2261, 0.3303



21.8205, 0.2460, 0.2376

Rectangle

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



21.8205, 0.4061, 0.3178



21.8205, 0.4245, 0.3920



21.8205, 0.2261, 0.3303



21.8205, 0.2109, 0.2544

Sweetspot

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



21.8216, 0.4061, 0.3178



68.2178, 0.3322, 0.3259



22.9500, 0.3073, 0.2254



14.7135, 0.3346, 0.3255



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.



21.8216, 0.4061, 0.3178



32.7628, 0.4396, 0.3157



28.7782, 0.3995, 0.3708



9.0272, 0.3272, 0.3266



7.0616, 0.6257, 0.3221



0.2540, 0.5786, 0.2961

Inverse Universe

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



21.8216, 0.4061, 0.3178



32.7628, 0.4396, 0.3157



29.6157, 0.2492, 0.2823



9.0272, 0.3272, 0.3266



7.0616, 0.6257, 0.3221



0.2540, 0.5786, 0.2961

Previews

White Background



This preview shows how the Yxy color 21.8205, 0.4061, 0.3178 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 21.8205, 0.4061, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

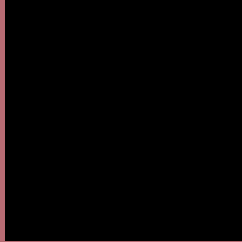
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.8205, 0.4061, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 21.8205, 0.4061, 0.3178.



This preview shows how white text looks on a background with the Yxy color 21.8205, 0.4061, 0.3178.

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

21.8205, 0.4061, 0.3178

Protanopia

22.1384, 0.3184, 0.3326

Deuteranopia

21.8811, 0.3569, 0.3495



Tritanopia

21.8205, 0.4061, 0.3178

Trichromacy



Original Color

21.8205, 0.4061, 0.3178

Protanomaly

21.6841, 0.3482, 0.3258

Deuteranomaly

21.7262, 0.3750, 0.3372

Tritanomaly

21.8205, 0.4061, 0.3178

Monochromacy



Original Color

21.8205, 0.4061, 0.3178

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.8838, 0.3442, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8205, 0.4061, 0.3178 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(183, 107, 115)` looks like.

```
.text, #text, p{  
    color:rgb(183, 107, 115)  
}
```

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(183, 107, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 107, 115) }
```

Border

The CSS property to change the border of an element to Yxy 21.8205, 0.4061, 0.3178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

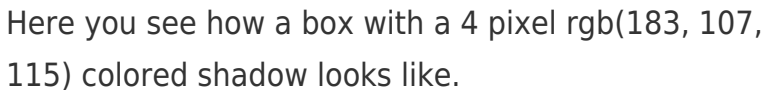
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 107, 115) }
```

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

```
.border{ border-color:rgb(183, 107, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 107, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 107, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 107, 115); box-shadow:4px 4px 4px 4px rgb(183, 107, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8205, 0.4061, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 107, 115) }
```

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

```
.background{ background-color: rgb(183,  
107, 115) }
```

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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