Converting Colors

Yxy(26.8531, 0.4067, 0.3425)

Have a look what the booklet for Yxy(26.8531, 0.4067, 0.3425) contains.

Yxy(26.7295, 0.4064, 0.3417) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 27
- ***CSS Examples*** 30

Color

Yxy(26.7295, 0.4064, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	BF7C73
RGB	191, 124, 115
RGB Percent	75%, 49%, 45%
CMY	0.2509, 0.5137, 0.5490
CMYK	0.00, 0.35, 0.40, 0.25
HSL	7°, 37%, 60%
HSV	7°, 40%, 75%
XYZ	31.7907, 26.7295, 19.7049
YIQ	143.0070, 42.8210, 11.4050

Conversions

Conversions Part 2

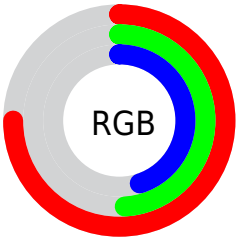
Format	Color
RYB	191, 125, 115
Decimal	12549235
CIELab	58.72, 24.99, 15.71
CIELCh	59, 29.518, 32.145
Yxy	26.7295, 0.4064, 0.3417
Android (android.graphics.Color)	4290739315 (0xFFBF7C73)
YUV	143.0070, -13.8075, 42.0899
Hunter-Lab	51.7006, 19.2835, 13.5929

Details

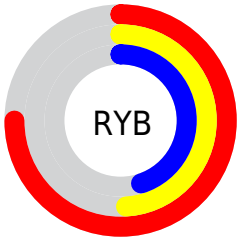
The Yxy color 26.7295, 0.4064, 0.3417 is a dark color, and the websafe version is hex 996666. A complement of this color would be 40.8717, 0.2564, 0.3156, and the grayscale version is 27.5154, 0.3127, 0.3290.

A 20% lighter version of the original color is 54.3740, 0.3862, 0.3400, and 10.4537, 0.4407, 0.3425 is the 20% darker color. If you saturate the color by 10%, you get 22.4689, 0.4428, 0.3446, and if you desaturate by 10%, it is 31.8047, 0.3756, 0.3384.

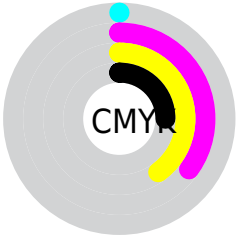
Distribution



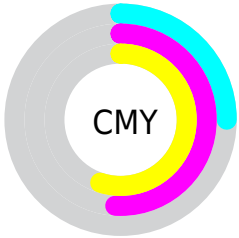
- Red (75%)
- Green (49%)
- Blue (45%)



- Red (75%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (40%)
- Black (25%)



- Cyan (25%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7295, 0.4064, 0.3417 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 26.7295, 0.4064, 0.3417 by changing the saturation by 10% instead.

26.7295, 0.4064, 0.3417

26.7295, 0.4064, 0.3417

286.3450, 0.3547, 0.3364

17.3702, 0.4210, 0.3424

54.4495, 0.3864, 0.3402

10.4988, 0.4409, 0.3429

73.5790, 0.3793, 0.3394

5.7309, 0.4692, 0.3425

96.7339, 0.3734, 0.3388

2.6821, 0.5125, 0.3393

124.2988, 0.3684, 0.3382

0.9681, 0.6414, 0.3586

156.6579, 0.3642, 0.3377

0.0000, 1.0000, 0.0000

194.1957, 0.3606,

0.0000, 0.0000,

0.3372

0.0000

237.2966, 0.3575, 0.3368

26.7295, 0.4064, 0.3417

26.7295, 0.4064, 0.3417

22.4689, 0.4428, 0.3446

31.8047, 0.3756, 0.3384

18.9767, 0.4843, 0.3467

37.7299, 0.3502, 0.3351

16.2081, 0.5285, 0.3474

44.5429, 0.3294, 0.3319

14.1119, 0.5711, 0.3460

52.2783, 0.3124, 0.3289

12.6303, 0.6062, 0.3424

60.9687, 0.2985, 0.3262

11.6897, 0.6299, 0.3378

11.6750, 0.6303, 0.3377

70.6452, 0.2871, 0.3237

81.3375, 0.2777, 0.3215

89.8180, 0.2757, 0.3289

Harmonies

Analogous

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

26.7295, 0.3749, 0.3033

26.7295, 0.4064, 0.3417

26.7295, 0.4098, 0.3802

Triad

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

26.7295, 0.4064, 0.3417

26.7295, 0.2935, 0.3979

26.7295, 0.2412, 0.2512

Complementary

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

26.7295, 0.4064, 0.3417

40.8717, 0.2564, 0.3156

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.

26.7295, 0.2236, 0.2683

26.7295, 0.4064, 0.3417

26.7295, 0.2518, 0.3534

Square

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

26.7295, 0.4064, 0.3417

26.7295, 0.3426, 0.4187

26.7295, 0.2272, 0.3046

26.7295, 0.2776, 0.2532

Rectangle

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

26.7295, 0.4064, 0.3417

26.7295, 0.3963, 0.4017

26.7295, 0.2272, 0.3046

26.7295, 0.2331, 0.2547

Sweetspot

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

26.7308, 0.4064, 0.3417

76.6903, 0.3340, 0.3327

26.7243, 0.3268, 0.2421

16.4774, 0.3366, 0.3331

97.7402, 0.3127, 0.3290

20.4902, 0.3127, 0.3290

Same Dimension

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

26.7308, 0.4064, 0.3417

40.9583, 0.4388, 0.3444

38.1133, 0.3856, 0.3921

9.7133, 0.3285, 0.3318

7.7351, 0.6288, 0.3390

0.3637, 0.5953, 0.3655

Inverse Universe

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

40.8717, 0.2564, 0.3156

69.8244, 0.2461, 0.3121

27.3969, 0.2473, 0.2559

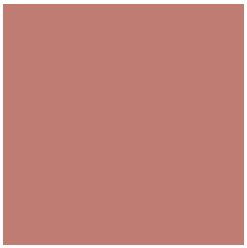
10.6116, 0.2985, 0.3262

21.0520, 0.2144, 0.2917

0.8798, 0.2171, 0.3014

Previews

White Background

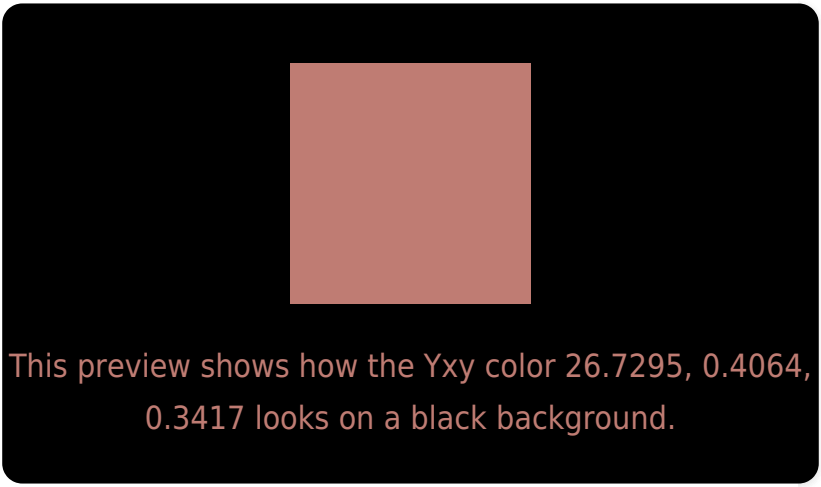


This preview shows how the Yxy color 26.7295, 0.4064, 0.3417 looks on a white background.

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

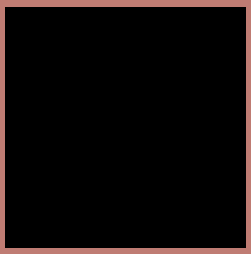


Color Contrast Check

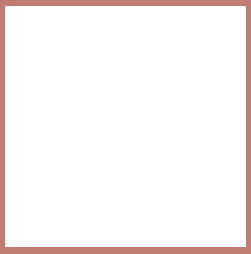
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 26.7295, 0.4064, 0.3417 Background



This preview shows how black text looks on a background with the Yxy color 26.7295, 0.4064, 0.3417.

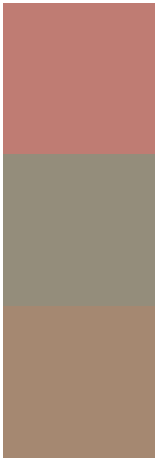


This preview shows how white text looks on a background with the Yxy color 26.7295, 0.4064, 0.3417.

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
26.7295, 0.4064, 0.3417

Protanopia
26.7757, 0.3390, 0.3586

Deuteranopia
26.7999, 0.3717, 0.3648

Tritanopia
26.7642, 0.3882, 0.3169

Trichromacy

Original Color
26.7295, 0.4064, 0.3417

Protanomaly
26.5765, 0.3629, 0.3525

Deuteranomaly
26.7161, 0.3831, 0.3561

Tritanomaly
26.8531, 0.3954, 0.3265

Monochromacy

Original Color
26.7295, 0.4064, 0.3417

Achromatopsia
27.4677, 0.3127, 0.3290

Achromatomaly
26.7754, 0.3433, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7295, 0.4064, 0.3417 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(191, 124, 115) looks like.

```
.text, #text, p{
    color:rgb(191, 124, 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(191, 124, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 124, 115) }
```

Border

The CSS property to change the border of an element to Yxy 26.7295, 0.4064, 0.3417 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(191, 124, 115) }
```

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

```
.border{ border-color:rgb(191, 124, 115) }
```

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

Here you see how a box with a 4 pixel rgb(191, 124, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 124, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 124, 115); box-shadow:4px 4px 4px 4px rgb(191, 124, 115) }
```

Background

The CSS property to change the background color of an element to Yxy 26.7295, 0.4064, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(191, 124, 115) }
```

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

```
.background{ background-color:rgb(191,
124, 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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