

Converting Colors

$Y_{xy}(26.3234, 0.4081, 0.3502)$

Have a look what the booklet for
Yxy(26.3234, 0.4081, 0.3502)
contains.

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Color

Yxy(26.3578, 0.4073, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	BB7D6E
RGB	187, 125, 110
RGB Percent	73%, 49%, 43%
CMY	0.2668, 0.5097, 0.5686
CMYK	0.00, 0.33, 0.41, 0.27
HSL	12°, 36%, 58%
HSV	12°, 41%, 73%
XYZ	30.6379, 26.3578, 18.2263
YIQ	141.8280, 41.7670, 8.4790

Conversions

Conversions Part 2

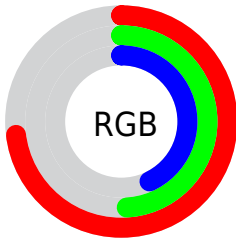
Format	Color
R_{YB}	187, 129, 110
Decimal	12287342
CIE _{Lab}	58.38, 22.25, 18.01
CIE _{LCh}	58, 28.622, 38.991
Yxy	26.3578, 0.4073, 0.3504
Android (android.graphics.Color)	4290477422 (0xFFBB7D6E)
YUV	141.8280, -15.6912, 39.6158
Hunter-Lab	51.3398, 16.6782, 14.8892

Details

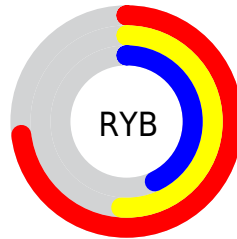
The Yxy color **26.3578, 0.4073, 0.3504** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.3960, 0.2534, 0.3059**, and the grayscale version is **27.0303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8619, 0.3868, 0.3467**, and **10.2052, 0.4425, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **22.4667, 0.4420, 0.3552**, and if you desaturate by 10%, it is **30.9150, 0.3775, 0.3451**.

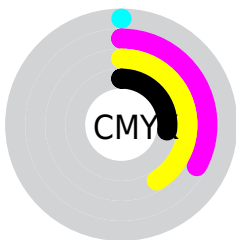
Distribution



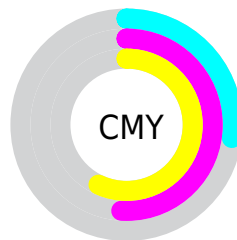
- Red (73%)
- Green (49%)
- Blue (43%)



- Red (73%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (27%)





- Cyan (27%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3578, 0.4073, 0.3504 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 26.3578, 0.4073, 0.3504 by changing the saturation by 10% instead.


 26.3578, 0.4073,
0.3504


 26.3578, 0.4073,
0.3504


284.5341, 0.3551,
0.3405


 17.0915, 0.4221,
0.3524


 53.8516, 0.3871,
0.3471

 10.2998, 0.4421,
0.3544


 72.8479, 0.3798,
0.3458

 5.5982, 0.4707,
0.3560

 95.8563, 0.3739,
0.3446

 2.6023, 0.5140,
0.3554

 123.2613, 0.3689,
0.3436

 0.9278, 0.6284,
0.3716

155.4471, 0.3647,
0.3427

 0.0000, 1.0000,
0.0000

192.7983, 0.3610,

 0.0000, 0.0000,

0.3418

0.0000

235.6991, 0.3579,
0.3411

■ 26.3578, 0.4073,
0.3504

■ 26.3578, 0.4073,
0.3504

■ 22.4667, 0.4420,
0.3552

■ 30.9150, 0.3775,
0.3451

■ 19.2064, 0.4811,
0.3586

■ 36.1637, 0.3525,
0.3397

■ 16.5443, 0.5224,
0.3600


■ 42.1326, 0.3317,
0.3345

■ 14.4432, 0.5624,
0.3582


■ 48.8478, 0.3145,
0.3295

■ 12.8614, 0.5962,
0.3531


■ 56.3338, 0.3003,
0.3250

 11.8517, 0.6187,
0.3470

 64.6142, 0.2885,
0.3209

 73.7115, 0.2786,
0.3172

 83.3483, 0.2726,
0.3186

 89.3021, 0.2736,
0.3289

Harmonies

Analogous

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



26.3578, 0.3823, 0.3122



26.3578, 0.4073, 0.3504



26.3578, 0.4042, 0.3869

Triad

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



26.3578, 0.4073, 0.3504



26.3578, 0.2838, 0.3876



26.3578, 0.2496, 0.2519

Complementary

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



26.3578, 0.4073, 0.3504



36.3960, 0.2534, 0.3059

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.



26.3578, 0.2279, 0.2643



26.3578, 0.4073, 0.3504



26.3578, 0.2461, 0.3416

Square

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



26.3578, 0.4073, 0.3504



26.3578, 0.3310, 0.4143



26.3578, 0.2266, 0.2958



26.3578, 0.2887, 0.2578

Rectangle

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



26.3578, 0.4073, 0.3504



26.3578, 0.3873, 0.4056



26.3578, 0.2266, 0.2958



26.3578, 0.2402, 0.2539

Sweetspot

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



26.3591, 0.4073, 0.3504



74.3186, 0.3337, 0.3350



24.7274, 0.3333, 0.2453



16.0454, 0.3362, 0.3357



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.



26.3591, 0.4073, 0.3504



41.1373, 0.4370, 0.3546



37.7420, 0.3857, 0.4007



9.8295, 0.3284, 0.3335



8.2502, 0.6168, 0.3484



0.4147, 0.5721, 0.3839

Inverse Universe

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



36.3960, 0.2534, 0.3059



61.3950, 0.2429, 0.3002



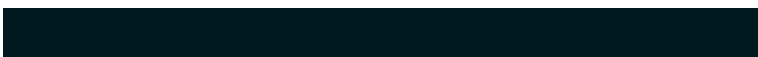
24.0581, 0.2436, 0.2445



10.4848, 0.2985, 0.3244



17.7214, 0.2072, 0.2660



0.7765, 0.2119, 0.2827

Previews

White Background



This preview shows how the Yxy color 26.3578, 0.4073, 0.3504 looks on a white background.

Color Contrast Check

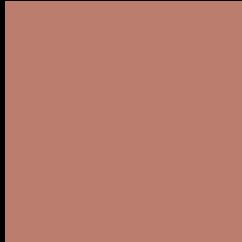
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3578, 0.4073, 0.3504 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 26.3578, 0.4073, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 26.3578, 0.4073, 0.3504.



This preview shows how white text looks on a background with the Yxy color 26.3578, 0.4073, 0.3504.

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

26.3578, 0.4073, 0.3504

Protanopia

26.4301, 0.3469, 0.3669

Deuteranopia

26.4100, 0.3778, 0.3711



Tritanopia

26.3766, 0.3847, 0.3167

Trichromacy



Original Color

26.3578, 0.4073, 0.3504

Protanomaly

26.3294, 0.3686, 0.3620

Deuteranomaly

26.2210, 0.3884, 0.3623

Tritanomaly

26.2873, 0.3932, 0.3292

Monochromacy



Original Color

26.3578, 0.4073, 0.3504

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4891, 0.3443, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3578, 0.4073, 0.3504 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(187, 125, 110)` looks like.

```
.text, #text, p{  
    color:rgb(187, 125, 110)  
}
```

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(187, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 110) }
```

Border

The CSS property to change the border of an element to Yxy 26.3578, 0.4073, 0.3504 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(187, 125, 110) }
```

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

```
.border{ border-color:rgb(187, 125, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 125, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(187, 125,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3578, 0.4073, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 125, 110) }
```

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

```
.background{ background-color: rgb(187,  
125, 110) }
```

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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