

Converting Colors

$Y_{xy}(26.6218, 0.3882, 0.3356)$

Have a look what the booklet for
Yxy(26.6218, 0.3882, 0.3356)
contains.

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Color

Yxy(26.5172, 0.3883, 0.3349)

Conversions

Conversions Part 1

Format	Color
Hex	B87E7A
RGB	184, 126, 122
RGB Percent	72%, 49%, 48%
CMY	0.2784, 0.5059, 0.5215
CMYK	0.00, 0.32, 0.34, 0.28
HSL	4°, 30%, 60%
HSV	4°, 34%, 72%
XYZ	30.7454, 26.5172, 21.9169
YIQ	142.8860, 35.8520, 11.0520

Conversions

Conversions Part 2

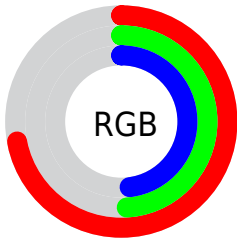
Format	Color
RYB	184, 126, 122
Decimal	12091002
CIELab	58.52, 22.00, 11.28
CIElCh	59, 24.724, 27.143
Yxy	26.5172, 0.3883, 0.3349
Android (android.graphics.Color)	4290281082 (0xFFB87E7A)
YUV	142.8860, -10.2968, 36.0570
Hunter-Lab	51.4949, 16.4587, 10.8118

Details

The Yxy color $26.5172, 0.3883, 0.3349$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.2625, 0.2648, 0.3230$, and the grayscale version is $27.4528, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9970, 0.3721, 0.3347$, and $10.3170, 0.4172, 0.3352$ is the 20% darker color. If you saturate the color by 10%, you get $22.0729, 0.4224, 0.3367$, and if you desaturate by 10%, it is $31.8087, 0.3601, 0.3331$.

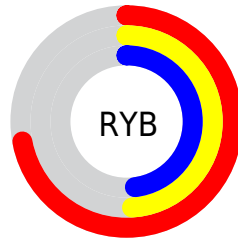
Distribution



Red (72%)

Green (49%)

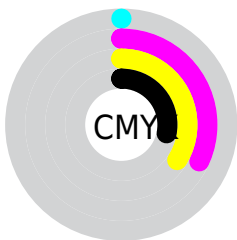
Blue (48%)



Red (72%)

Yellow (49%)

Blue (48%)

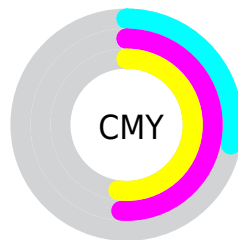


Cyan (0%)

Magenta (32%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (51%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5172, 0.3883, 0.3349 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 26.5172, 0.3883, 0.3349 by changing the saturation by 10% instead.

 26.5172, 0.3883,
0.3349


 26.5172, 0.3883,
0.3349


285.3118, 0.3466,
0.3327


 17.2110, 0.4002,
0.3351


 54.1081, 0.3721,
0.3343

 10.3850, 0.4164,
0.3350


 73.1616, 0.3663,
0.3341

 5.6550, 0.4399,
0.3342

 96.2330, 0.3616,
0.3338

 2.6364, 0.4764,
0.3314

123.7067, 0.3576,
0.3335

 0.9450, 0.5722,
0.3414

155.9670, 0.3542,
0.3333

 0.0000, 1.0000,
0.0000

193.3983, 0.3513,

 0.0000, 0.0000,

0.3331

0.0000

236.3852, 0.3488,
0.3329

■ 26.5172, 0.3883,
0.3349

■ 26.5172, 0.3883,
0.3349

■ 22.0729, 0.4224,
0.3367

■ 31.8087, 0.3601,
0.3331

■ 18.4282, 0.4625,
0.3381

■ 37.9842, 0.3372,
0.3313

■ 15.5368, 0.5072,
0.3389


■ 45.0828, 0.3186,
0.3296

■ 13.3459, 0.5529,
0.3388

■ 53.1404, 0.3036,
0.3280


■ 11.7960, 0.5937,
0.3373

■ 62.1907, 0.2914,
0.3266

 10.8176, 0.6231,
0.3348

 72.2660, 0.2815,
0.3254

 10.4506, 0.6354,
0.3337

 83.3969, 0.2733,
0.3242

 88.9328, 0.2721,
0.3289

Harmonies

Analogous

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



26.5172, 0.3589, 0.3024



26.5172, 0.3883, 0.3349



26.5172, 0.3956, 0.3682

Triad

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



26.5172, 0.3883, 0.3349



26.5172, 0.3038, 0.3906



26.5172, 0.2483, 0.2642

Complementary

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



26.5172, 0.3883, 0.3349



40.2625, 0.2648, 0.3230

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.



26.5172, 0.2360, 0.2822



26.5172, 0.3883, 0.3349



26.5172, 0.2665, 0.3564

Square

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



26.5172, 0.3883, 0.3349



26.5172, 0.3452, 0.4043



26.5172, 0.2424, 0.3155



26.5172, 0.2772, 0.2629

Rectangle

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



26.5172, 0.3883, 0.3349



26.5172, 0.3871, 0.3870



26.5172, 0.2424, 0.3155



26.5172, 0.2422, 0.2684

Sweetspot

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



26.5185, 0.3883, 0.3349



73.1795, 0.3302, 0.3307



27.4500, 0.3198, 0.2504



15.4004, 0.3329, 0.3309



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.



26.5185, 0.3883, 0.3349



42.2817, 0.4115, 0.3361



35.4159, 0.3744, 0.3767



9.1021, 0.3286, 0.3305



7.2394, 0.6344, 0.3345



0.2866, 0.6130, 0.3515

Inverse Universe

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



40.2625, 0.2648, 0.3230



70.7805, 0.2565, 0.3216



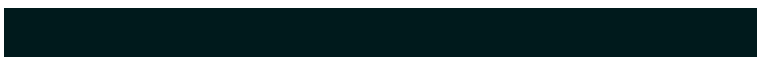
29.3880, 0.2588, 0.2758



10.1094, 0.2985, 0.3275



22.8150, 0.2192, 0.3092



0.8341, 0.2207, 0.3146

Previews

White Background



This preview shows how the Yxy color 26.5172, 0.3883, 0.3349 looks on a white background.

Color Contrast Check

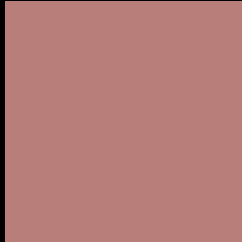
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5172, 0.3883, 0.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

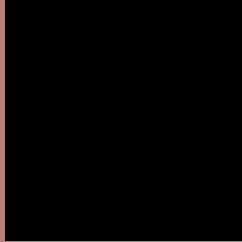
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5172, 0.3883, 0.3349

Background



This preview shows how black text looks on a background with the Yxy color 26.5172, 0.3883, 0.3349.



This preview shows how white text looks on a background with the Yxy color 26.5172, 0.3883, 0.3349.

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

26.5172, 0.3883, 0.3349

Protanopia

26.7725, 0.3294, 0.3471

Deuteranopia

26.6458, 0.3602, 0.3542



Tritanopia

26.4508, 0.3754, 0.3150

Trichromacy



Original Color

26.5172, 0.3883, 0.3349

Protanomaly

26.6142, 0.3499, 0.3433

Deuteranomaly

26.4291, 0.3701, 0.3459

Tritanomaly

26.5932, 0.3800, 0.3221

Monochromacy



Original Color

26.5172, 0.3883, 0.3349

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9097, 0.3385, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5172, 0.3883, 0.3349 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(184, 126, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 126, 122)  
}
```

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(184, 126, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 126, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.5172, 0.3883, 0.3349 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(184, 126, 122) }
```

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

```
.border{ border-color:rgb(184, 126, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 126, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 126, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 126, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 126,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5172, 0.3883, 0.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 126, 122) }
```

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

```
.background{ background-color: rgb(184,  
126, 122) }
```

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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