

Converting Colors

$Y_{xy}(26.1462, 0.3783, 0.3292)$

Have a look what the booklet for
Yxy(26.1462, 0.3783, 0.3292)
contains.

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Color

Yxy(26.1314, 0.3786, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	B47E7E
RGB	180, 126, 126
RGB Percent	71%, 49%, 49%
CMY	0.2940, 0.5059, 0.5059
CMYK	0.00, 0.30, 0.30, 0.29
HSL	0°, 26%, 60%
HSV	0°, 30%, 71%
XYZ	30.0527, 26.1314, 23.1944
YIQ	142.1460, 32.1840, 11.4480

Conversions

Conversions Part 2

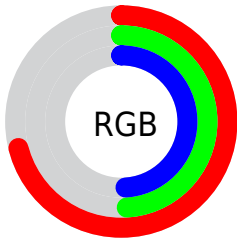
Format	Color
R_{YB}	180, 126, 126
Decimal	11828862
CIE _{Lab}	58.16, 20.97, 8.42
CIE _{LCh}	58, 22.597, 21.874
Yxy	26.1314, 0.3786, 0.3292
Android (android.graphics.Color)	4290018942 (0xFFB47E7E)
YUV	142.1460, -7.9600, 33.1980
Hunter-Lab	51.1189, 15.4818, 8.8813

Details

The Yxy color $26.1314, 0.3786, 0.3292$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.3809, 0.2701, 0.3289$, and the grayscale version is $27.1343, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4994, 0.3641, 0.3292$, and $10.1403, 0.4043, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $21.5126, 0.4117, 0.3293$, and if you desaturate by 10%, it is $31.6646, 0.3517, 0.3291$.

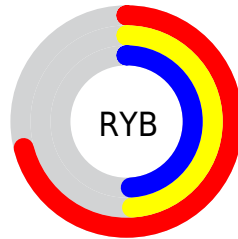
Distribution



Red (71%)

Green (49%)

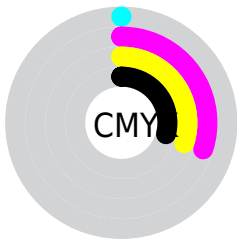
Blue (49%)



Red (71%)

Yellow (49%)

Blue (49%)

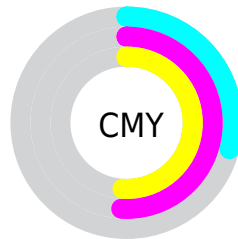


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (29%)



Cyan (29%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1314, 0.3786, 0.3292 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 26.1314, 0.3786, 0.3292 by changing the saturation by 10% instead.

 26.1314, 0.3786,
0.3292

 26.1314, 0.3786,
0.3292


283.4265, 0.3422,
0.3298


 16.9220, 0.3890,
0.3287


 53.4869, 0.3644,
0.3296

 10.1789, 0.4033,
0.3278


 72.4017, 0.3594,
0.3297

 5.5177, 0.4241,
0.3261

 95.3204, 0.3553,
0.3298

 2.5541, 0.4568,
0.3223

122.6274, 0.3518,
0.3298

 0.9037, 0.5341,
0.3241

154.7071, 0.3488,
0.3298

 0.0000, 1.0000,
0.0000


191.9440, 0.3463,


 0.0000, 0.0000,


0.3298

0.0000


234.7223, 0.3441,
0.3298


 26.1314, 0.3786,
0.3292

 26.1314, 0.3786,
0.3292


 21.5126, 0.4117,
0.3293


 31.6646, 0.3517,
0.3291


 17.7554, 0.4514,
0.3294


 38.1537, 0.3300,
0.3291

 14.8077, 0.4966,
0.3296


 45.6422, 0.3127,
0.3290

 12.6101, 0.5442,
0.3297


 54.1698, 0.2989,
0.3290


 11.0948, 0.5879,
0.3298


 63.7742, 0.2877,
0.3289

 10.1822, 0.6206,
0.3299

 74.4909, 0.2786,
0.3289

 9.7067, 0.6401,
0.3300

 86.3541, 0.2712,
0.3289

 88.4462, 0.2701,
0.3289

Harmonies

Analogous

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



26.1314, 0.3489, 0.2997



26.1314, 0.3786, 0.3292



26.1314, 0.3893, 0.3603

Triad

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



26.1314, 0.3786, 0.3292



26.1314, 0.3114, 0.3890



26.1314, 0.2500, 0.2711

Complementary

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



26.1314, 0.3786, 0.3292



40.3809, 0.2701, 0.3289

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.



26.1314, 0.2417, 0.2907



26.1314, 0.3786, 0.3292



26.1314, 0.2756, 0.3605

Square

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



26.1314, 0.3786, 0.3292



26.1314, 0.3490, 0.3978



26.1314, 0.2506, 0.3232



26.1314, 0.2744, 0.2670

Rectangle

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



26.1314, 0.3786, 0.3292



26.1314, 0.3840, 0.3785



26.1314, 0.2506, 0.3232



26.1314, 0.2454, 0.2759

Sweetspot

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



26.1326, 0.3786, 0.3292



70.2575, 0.3284, 0.3291



27.9213, 0.3162, 0.2557



14.7913, 0.3312, 0.3291



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.



26.1326, 0.3786, 0.3292



41.6625, 0.3997, 0.3293



33.9969, 0.3675, 0.3676



8.5054, 0.3287, 0.3291



6.7727, 0.6401, 0.3300



0.2131, 0.6400, 0.3300

Inverse Universe

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



40.3809, 0.2701, 0.3289



71.6552, 0.2622, 0.3288



30.5156, 0.2655, 0.2869



9.6314, 0.2986, 0.3290



25.0767, 0.2246, 0.3287



0.7891, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 26.1314, 0.3786, 0.3292 looks on a white background.

Color Contrast Check

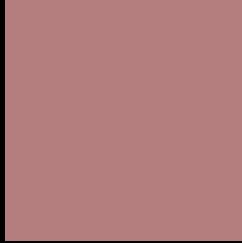
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1314, 0.3786, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

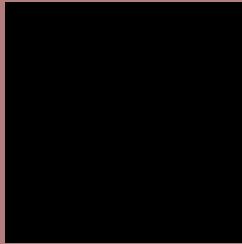
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1314, 0.3786, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 26.1314, 0.3786, 0.3292.



This preview shows how white text looks on a background with the Yxy color 26.1314, 0.3786, 0.3292.

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

26.1314, 0.3786, 0.3292

Protanopia

26.3789, 0.3242, 0.3406

Deuteranopia

26.1541, 0.3525, 0.3466



Tritanopia

26.2122, 0.3702, 0.3162

Trichromacy



Original Color

26.1314, 0.3786, 0.3292

Protanomaly

26.1078, 0.3434, 0.3370

Deuteranomaly

26.1987, 0.3618, 0.3399

Tritanomaly

26.1297, 0.3739, 0.3205

Monochromacy



Original Color

26.1314, 0.3786, 0.3292

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4538, 0.3353, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1314, 0.3786, 0.3292 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(180, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 126, 126)  
}
```

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(180, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 126, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.1314, 0.3786, 0.3292 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(180, 126, 126) }
```

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

```
.border{ border-color:rgb(180, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 126,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1314, 0.3786, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 126, 126) }
```

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

```
.background{ background-color: rgb(180,  
126, 126) }
```

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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