

Converting Colors

$Y_{xy}(27.6320, 0.4223, 0.3760)$

Have a look what the booklet for
Yxy(27.6320, 0.4223, 0.3760)
contains.

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Color

Yxy(27.6286, 0.4230, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	BD8260
RGB	189, 130, 96
RGB Percent	74%, 51%, 38%
CMY	0.2589, 0.4901, 0.6236
CMYK	0.00, 0.31, 0.49, 0.26
HSL	22°, 41%, 56%
HSV	22°, 49%, 74%
XYZ	31.0739, 27.6286, 14.7583
YIQ	143.7650, 46.0780, 1.9340

Conversions

Conversions Part 2

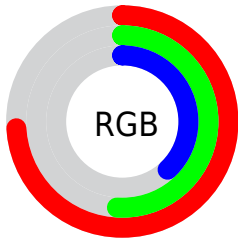
Format	Color
R_{YB}	189, 150, 96
Decimal	12419680
CIE Lab	59.55, 18.79, 27.53
CIE LCh	60, 33.329, 55.677
Yxy	27.6286, 0.4230, 0.3761
Android (android.graphics.Color)	4290609760 (0xFFBD8260)
YUV	143.7650, -23.5481, 39.6711
Hunter-Lab	52.5629, 13.5397, 20.1470

Details

The Yxy color **27.6286, 0.4230, 0.3761** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.5800, 0.2386, 0.2745**, and the grayscale version is **27.8732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7477, 0.3998, 0.3680**, and **10.9456, 0.4616, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **24.3184, 0.4548, 0.3840**, and if you desaturate by 10%, it is **31.3963, 0.3941, 0.3668**.

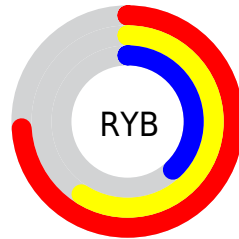
Distribution



Red (74%)

Green (51%)

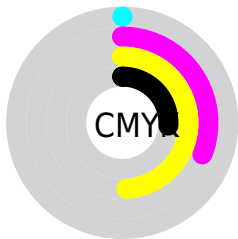
Blue (38%)



Red (74%)

Yellow (59%)

Blue (38%)

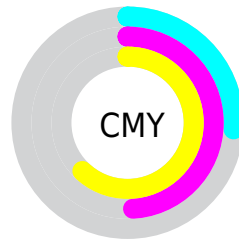


Cyan (0%)

Magenta (31%)

Yellow (49%)

Black (26%)



Cyan (26%)


Magenta (49%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6286, 0.4230, 0.3761 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 27.6286, 0.4230, 0.3761 by changing the saturation by 10% instead.


 27.6286, 0.4230,
0.3761


 27.6286, 0.4230,
0.3761


290.6879, 0.3630,
0.3533


 18.0459, 0.4394,
0.3811


 55.8909, 0.4001,
0.3682


 10.9829, 0.4610,
0.3867


 75.3393, 0.3918,
0.3651

 6.0554, 0.4906,
0.3924

 98.8451, 0.3850,
0.3624

 2.8788, 0.5390,
0.4008

 126.7926, 0.3792,
0.3601

 1.0688, 0.6039,
0.3961

159.5662, 0.3742,
0.3581

 0.0000, 1.0000,
0.0000

197.5504, 0.3700,

 0.0000, 0.0000,

0.3563

0.0000

241.1295, 0.3663,
0.3547

■ 27.6286, 0.4230,
0.3761

■ 27.6286, 0.4230,
0.3761

■ 24.3184, 0.4548,
0.3840

■ 31.3963, 0.3941,
0.3668

■ 21.4429, 0.4883,
0.3892

■ 35.6350, 0.3687,
0.3568

■ 18.9830, 0.5216,
0.3905


■ 40.3625, 0.3466,
0.3469


■ 16.9165, 0.5519,
0.3869

■ 45.5946, 0.3277,
0.3373

■ 15.2135, 0.5774,
0.3789

■ 51.3462, 0.3115,
0.3283

 15.0916, 0.5793,
0.3782

 57.6315, 0.2977,
0.3200

 64.4644, 0.2860,
0.3123

 71.8579, 0.2759,
0.3053

 79.0920, 0.2729,
0.3103

Harmonies

Analogous

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



27.6286, 0.4123, 0.3329



27.6286, 0.4230, 0.3761



27.6286, 0.4015, 0.4128

Triad

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



27.6286, 0.4230, 0.3761



27.6286, 0.2534, 0.3683



27.6286, 0.2633, 0.2432

Complementary

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



27.6286, 0.4230, 0.3761



29.5800, 0.2386, 0.2745

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.



27.6286, 0.2275, 0.2450



27.6286, 0.4230, 0.3761



27.6286, 0.2219, 0.3122

Square

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



27.6286, 0.4230, 0.3761



27.6286, 0.3024, 0.4147



27.6286, 0.2132, 0.2681



27.6286, 0.3154, 0.2602

Rectangle

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



27.6286, 0.4230, 0.3761



27.6286, 0.3734, 0.4274



27.6286, 0.2132, 0.2681



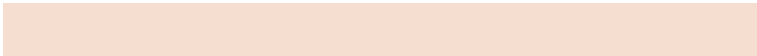
27.6286, 0.2492, 0.2416

Sweetspot

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



27.6300, 0.4230, 0.3761



75.9227, 0.3388, 0.3430



21.5931, 0.3588, 0.2483



15.9106, 0.3429, 0.3451



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.



27.6300, 0.4230, 0.3761



43.1628, 0.4572, 0.3844



42.3272, 0.3922, 0.4321



10.0928, 0.3279, 0.3375



10.2921, 0.5770, 0.3800



0.5291, 0.5313, 0.4164

Inverse Universe

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



29.5800, 0.2386, 0.2745



46.9811, 0.2246, 0.2600



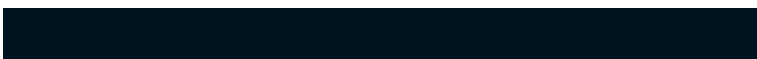
17.2968, 0.2242, 0.1981



10.2063, 0.2985, 0.3204



11.6309, 0.1906, 0.2060



0.5762, 0.1997, 0.2388

Previews

White Background



This preview shows how the Yxy color 27.6286, 0.4230, 0.3761 looks on a white background.

Color Contrast Check

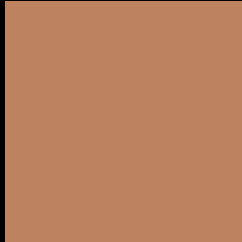
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6286, 0.4230, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

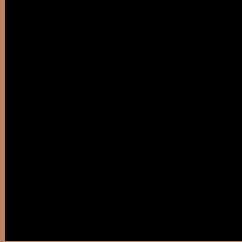
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6286, 0.4230, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 27.6286, 0.4230, 0.3761.



This preview shows how white text looks on a background with the Yxy color 27.6286, 0.4230, 0.3761.

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

27.6286, 0.4230, 0.3761

Protanopia

27.8744, 0.3680, 0.3962

Deuteranopia

27.6018, 0.4006, 0.3914



Tritanopia

27.5949, 0.3832, 0.3169

Trichromacy



Original Color

27.6286, 0.4230, 0.3761

Protanomaly

27.6008, 0.3869, 0.3887

Deuteranomaly

27.4601, 0.4097, 0.3855

Tritanomaly

27.6112, 0.3985, 0.3389

Monochromacy



Original Color

27.6286, 0.4230, 0.3761

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4711, 0.3490, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6286, 0.4230, 0.3761 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(189, 130, 96)` looks like.

```
.text, #text, p{  
    color:rgb(189, 130, 96)  
}
```

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(189, 130, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 130, 96) }
```

Border

The CSS property to change the border of an element to Yxy 27.6286, 0.4230, 0.3761 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(189, 130, 96) }
```

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

```
.border{ border-color:rgb(189, 130, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 130, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 130, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 130, 96);  
box-shadow:4px 4px 4px 4px rgb(189, 130,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6286, 0.4230, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 130, 96) }
```

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

```
.background{ background-color: rgb(189,  
130, 96) }
```

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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