

Converting Colors

$Y_{xy}(27.0290, 0.3961, 0.3659)$

Have a look what the booklet for
Yxy(27.0290, 0.3961, 0.3659)
contains.

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Color

Yxy(27.0290, 0.3961, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	B2846B
RGB	178, 132, 107
RGB Percent	70%, 52%, 42%
CMY	0.3021, 0.4823, 0.5804
CMYK	0.00, 0.26, 0.40, 0.30
HSL	21°, 32%, 56%
HSV	21°, 40%, 70%
XYZ	29.2599, 27.0290, 17.5810
YIQ	142.9040, 35.4410, 1.9770

Conversions

Conversions Part 2

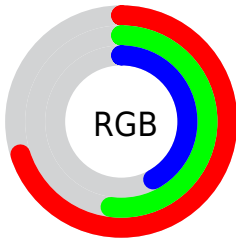
Format	Color
R_{YB}	178, 146, 107
Decimal	11699307
CIE _{Lab}	59.00, 14.33, 20.40
CIE _{LCh}	59, 24.933, 54.923
Yxy	27.0290, 0.3961, 0.3659
Android (android.graphics.Color)	4289889387 (0xFFB2846B)
YUV	142.9040, -17.7007, 30.7792
Hunter-Lab	51.9894, 9.4791, 16.3428

Details

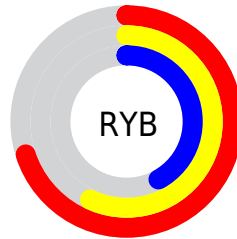
The Yxy color **27.0290, 0.3961, 0.3659** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **29.1017, 0.2524, 0.2883**, and the grayscale version is **27.4890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8633, 0.3780, 0.3584**, and **10.5613, 0.4264, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **23.7387, 0.4254, 0.3748**, and if you desaturate by 10%, it is **30.7441, 0.3703, 0.3564**.

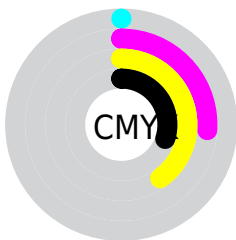
Distribution



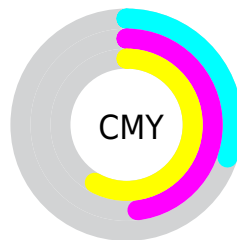
- Red (70%)
- Green (52%)
- Blue (42%)



- Red (70%)
- Yellow (57%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (30%)





- Cyan (30%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0290, 0.3961, 0.3659 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 27.0290, 0.3961, 0.3659 by changing the saturation by 10% instead.


 27.0290, 0.3961,
0.3659


 27.0290, 0.3961,
0.3659


287.7975, 0.3504,
0.3472


 17.5950, 0.4089,
0.3704


 54.9304, 0.3785,
0.3592


 10.6596, 0.4261,
0.3760

 74.1666, 0.3722,
0.3566

 5.8384, 0.4505,
0.3827


 97.4390, 0.3669,
0.3544

 2.7471, 0.4870,
0.3903

 125.1319, 0.3626,
0.3526

 1.0012, 0.5802,
0.4198

157.6299, 0.3588,
0.3510

 0.0000, 1.0000,
0.0000

195.3172, 0.3556,

 0.0000, 0.0000,

0.3496

0.0000

238.5783, 0.3528,
0.3483

■ 27.0290, 0.3961,
0.3659

■ 27.0290, 0.3961,
0.3659

■ 23.7387, 0.4254,
0.3748

■ 30.7441, 0.3703,
0.3564

■ 20.8535, 0.4577,
0.3822

■ 34.8952, 0.3480,
0.3468

■ 18.3576, 0.4917,
0.3870

■ 39.4978, 0.3288,
0.3376


■ 16.2324, 0.5255,
0.3879

■ 44.5654, 0.3125,
0.3289

■ 14.4578, 0.5561,
0.3839

■ 50.1110, 0.2987,
0.3209

 13.0047, 0.5819,
0.3760

 56.1471, 0.2869,
0.3135

 12.9897, 0.5822,
0.3759

 62.6856, 0.2768,
0.3067

 69.7380, 0.2681,
0.3005

 76.5071, 0.2666,
0.3076

Harmonies

Analogous

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



27.0290, 0.3870, 0.3324



27.0290, 0.3961, 0.3659



27.0290, 0.3813, 0.3930

Triad

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



27.0290, 0.3961, 0.3659



27.0290, 0.2688, 0.3595



27.0290, 0.2745, 0.2623

Complementary

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



27.0290, 0.3961, 0.3659



29.1017, 0.2524, 0.2883

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.



27.0290, 0.2466, 0.2649



27.0290, 0.3961, 0.3659



27.0290, 0.2434, 0.3184

Square

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



27.0290, 0.3961, 0.3659



27.0290, 0.3069, 0.3926



27.0290, 0.2357, 0.2841



27.0290, 0.3142, 0.2751

Rectangle

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



27.0290, 0.3961, 0.3659



27.0290, 0.3606, 0.4030



27.0290, 0.2357, 0.2841



27.0290, 0.2635, 0.2614

Sweetspot

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



27.0303, 0.3961, 0.3659



69.6384, 0.3330, 0.3397



22.2785, 0.3472, 0.2634



15.1863, 0.3354, 0.3409



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.



27.0303, 0.3961, 0.3659



43.6579, 0.4221, 0.3739



38.2794, 0.3766, 0.4133



8.9792, 0.3279, 0.3371



9.4060, 0.5802, 0.3775



0.4083, 0.5261, 0.4204

Inverse Universe

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



29.1017, 0.2524, 0.2883



47.9101, 0.2398, 0.2773



19.2093, 0.2430, 0.2274



9.1172, 0.2986, 0.3208



11.2330, 0.1920, 0.2111



0.4582, 0.2022, 0.2478

Previews

White Background



This preview shows how the Yxy color 27.0290, 0.3961, 0.3659 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 27.0290, 0.3961, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

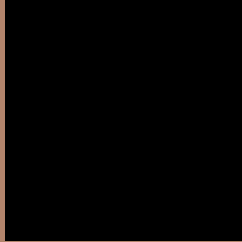
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0290, 0.3961, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 27.0290, 0.3961, 0.3659.



This preview shows how white text looks on a background with the Yxy color 27.0290, 0.3961, 0.3659.

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

27.0290, 0.3961, 0.3659

Protanopia

27.1913, 0.3550, 0.3778

Deuteranopia

26.9738, 0.3831, 0.3751



Tritanopia

27.0971, 0.3643, 0.3148

Trichromacy



Original Color

27.0290, 0.3961, 0.3659

Protanomaly

26.8798, 0.3694, 0.3732

Deuteranomaly

27.1392, 0.3884, 0.3728

Tritanomaly

26.9361, 0.3761, 0.3321

Monochromacy



Original Color

27.0290, 0.3961, 0.3659

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1449, 0.3412, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0290, 0.3961, 0.3659 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(178, 132, 107)` looks like.

```
.text, #text, p{  
    color:rgb(178, 132, 107)  
}
```

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(178, 132, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 132, 107) }
```

Border

The CSS property to change the border of an element to Yxy 27.0290, 0.3961, 0.3659 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(178, 132, 107) }
```

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

```
.border{ border-color:rgb(178, 132, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 132, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 132, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 132, 107);  
box-shadow:4px 4px 4px 4px rgb(178, 132,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0290, 0.3961, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 132, 107) }
```

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

```
.background{ background-color: rgb(178,  
132, 107) }
```

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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