

Converting Colors

$Y_{xy}(27.5956, 0.4262, 0.4187)$

Have a look what the booklet for
Yxy(27.5956, 0.4262, 0.4187)
contains.

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Color

Yxy(27.6025, 0.4263, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	B08949
RGB	176, 137, 73
RGB Percent	69%, 54%, 29%
CMY	0.3097, 0.4628, 0.7137
CMYK	0.00, 0.22, 0.59, 0.31
HSL	37°, 41%, 49%
HSV	37°, 59%, 69%
XYZ	28.0566, 27.6025, 10.1551
YIQ	141.3650, 43.7880, -11.6360

Conversions

Conversions Part 2

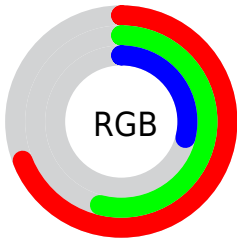
Format	Color
R_{YB}	136, 176, 73
Decimal	11569481
CIE Lab	59.53, 7.37, 39.52
CIE LCh	60, 40.201, 79.443
Yxy	27.6025, 0.4263, 0.4194
Android (android.graphics.Color)	4289759561 (0xFFB08949)
YUV	141.3650, -33.7039, 30.3749
Hunter-Lab	52.5381, 3.3817, 25.3164

Details

The Yxy color **27.6025, 0.4263, 0.4194** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.1501, 0.2160, 0.2129**, and the grayscale version is **26.9108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7494, 0.4046, 0.4033**, and **10.8796, 0.4600, 0.4417** is the 20% darker color. If you saturate the color by 10%, you get **25.5647, 0.4484, 0.4304**, and if you desaturate by 10%, it is **29.8263, 0.4039, 0.4056**.

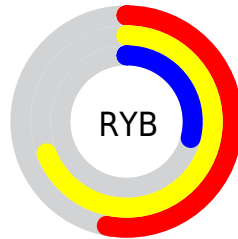
Distribution



Red (69%)

Green (54%)

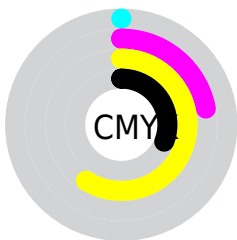
Blue (29%)



Red (53%)

Yellow (69%)

Blue (29%)

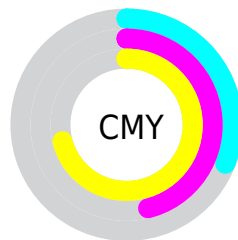


Cyan (0%)

Magenta (22%)

Yellow (59%)

Black (31%)



Cyan (31%)

Magenta (46%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6025, 0.4263, 0.4194 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 27.6025, 0.4263, 0.4194 by changing the saturation by 10% instead.


 27.6025, 0.4263,
0.4194


 27.6025, 0.4263,
0.4194


290.5626, 0.3662,
0.3736


 18.0262, 0.4414,
0.4299


 55.8492, 0.4041,
0.4032

 10.9688, 0.4603,
0.4422


 75.2884, 0.3958,
0.3969


 6.0459, 0.4840,
0.4559

 98.7840, 0.3889,
0.3915

 2.8730, 0.5225,
0.4775

 126.7205, 0.3830,
0.3869

 1.0658, 0.5358,
0.4642

 159.4822, 0.3779,
0.3829

 0.0000, 1.0000,
0.0000

197.4535, 0.3735,

 0.0000, 0.0000,

0.3794

0.0000

241.0189, 0.3696,
0.3764

■ 27.6025, 0.4263,
0.4194

■ 27.6025, 0.4263,
0.4194

■ 25.5647, 0.4484,
0.4304

■ 29.8263, 0.4039,
0.4056

■ 23.7009, 0.4692,
0.4375

■ 32.2391, 0.3823,
0.3901

■ 22.0038, 0.4876,
0.4398

■ 34.8490, 0.3618,
0.3739

■ 20.4593, 0.5031,
0.4374

■ 37.6619, 0.3430,
0.3577

■ 20.2407, 0.5054,
0.4369

■ 40.6837, 0.3259,
0.3419

■ 43.9199, 0.3105,
0.3268

■ 47.3757, 0.2969,
0.3127

■ 51.0561, 0.2847,
0.2997

■ 54.9660, 0.2740,
0.2876

Harmonies

Analogous

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



27.6025, 0.4460, 0.3722



27.6025, 0.4263, 0.4194



27.6025, 0.3765, 0.4493

Triad

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



27.6025, 0.4263, 0.4194



27.6025, 0.2104, 0.3209



27.6025, 0.3013, 0.2422

Complementary

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



27.6025, 0.4263, 0.4194



16.1501, 0.2160, 0.2129

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.



27.6025, 0.2429, 0.2264



27.6025, 0.4263, 0.4194



27.6025, 0.1952, 0.2640

Square

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



27.6025, 0.4263, 0.4194



27.6025, 0.2519, 0.3908



27.6025, 0.2064, 0.2326



27.6025, 0.3698, 0.2759

Rectangle

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



27.6025, 0.4263, 0.4194



27.6025, 0.3343, 0.4495



27.6025, 0.2064, 0.2326



27.6025, 0.2798, 0.2347

Sweetspot

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



27.6038, 0.4263, 0.4194



68.3962, 0.3426, 0.3573



15.1809, 0.4180, 0.2730



14.4987, 0.3478, 0.3619



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.6038, 0.4263, 0.4194



45.4085, 0.4542, 0.4328



39.4326, 0.3828, 0.4711



9.3549, 0.3272, 0.3431



14.9627, 0.5042, 0.4378



0.5789, 0.4749, 0.4611

Inverse Universe

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



16.1501, 0.2160, 0.2129



22.8344, 0.1967, 0.1826



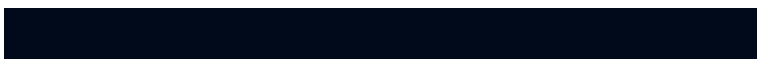
9.8357, 0.2115, 0.1489



8.7403, 0.2985, 0.3145



5.3227, 0.1674, 0.1227



0.2821, 0.1837, 0.1814

Previews

White Background



This preview shows how the Yxy color 27.6025, 0.4263, 0.4194 looks on a white background.

Color Contrast Check

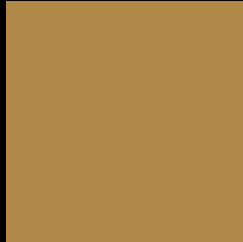
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6025, 0.4263, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

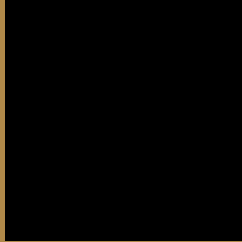
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6025, 0.4263, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 27.6025, 0.4263, 0.4194.



This preview shows how white text looks on a background with the Yxy color 27.6025, 0.4263, 0.4194.

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

27.6025, 0.4263, 0.4194

Protanopia

27.7236, 0.3976, 0.4350

Deuteranopia

27.6025, 0.4263, 0.4194



Tritanopia

27.3884, 0.3628, 0.3148

Trichromacy



Original Color

27.6025, 0.4263, 0.4194

Protanomaly

27.5435, 0.4091, 0.4288

Deuteranomaly

27.6025, 0.4263, 0.4194

Tritanomaly

27.3240, 0.3879, 0.3540

Monochromacy



Original Color

27.6025, 0.4263, 0.4194

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.8871, 0.3537, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6025, 0.4263, 0.4194 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(176, 137, 73)` looks like.

```
.text, #text, p{  
    color:rgb(176, 137, 73)  
}
```

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(176, 137, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 137, 73) }
```

Border

The CSS property to change the border of an element to Yxy 27.6025, 0.4263, 0.4194 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(176, 137, 73) }
```

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

```
.border{ border-color:rgb(176, 137, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 137, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 137, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 137, 73);  
box-shadow:4px 4px 4px 4px rgb(176, 137,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6025, 0.4263, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 137, 73) }
```

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

```
.background{ background-color: rgb(176,  
137, 73) }
```

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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