

Converting Colors

$Y_{xy}(26.9907, 0.4425, 0.4303)$

Have a look what the booklet for
Yxy(26.9907, 0.4425, 0.4303)
contains.

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Color

Yxy(27.1192, 0.4419, 0.4305)

Conversions

Conversions Part 1

Format	Color
Hex	B2873C
RGB	178, 135, 60
RGB Percent	70%, 53%, 24%
CMY	0.3020, 0.4705, 0.7648
CMYK	0.00, 0.24, 0.66, 0.30
HSL	38°, 50%, 47%
HSV	38°, 66%, 70%
XYZ	27.8373, 27.1192, 8.0381
YIQ	139.3070, 49.7030, -14.2090

Conversions

Conversions Part 2

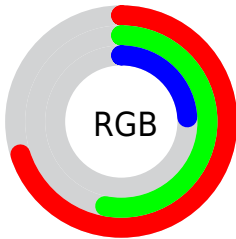
Format	Color
R_{YB}	128, 178, 60
Decimal	11700028
CIE _{Lab}	59.08, 8.41, 45.56
CIE _{LCh}	59, 46.325, 79.544
Yxy	27.1192, 0.4419, 0.4305
Android (android.graphics.Color)	4289890108 (0xFFB2873C)
YUV	139.3070, -39.0984, 33.9338
Hunter-Lab	52.0761, 4.2842, 27.3017

Details

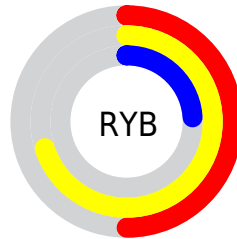
The Yxy color **27.1192, 0.4419, 0.4305** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **13.8645, 0.2030, 0.1909**, and the grayscale version is **26.0822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0968, 0.4181, 0.4134**, and **10.8063, 0.4774, 0.4531** is the 20% darker color. If you saturate the color by 10%, you get **25.2087, 0.4625, 0.4388**, and if you desaturate by 10%, it is **29.2058, 0.4202, 0.4185**.

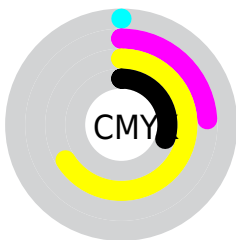
Distribution



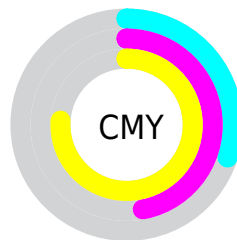
- Red (70%)
- Green (53%)
- Blue (24%)



- Red (50%)
- Yellow (70%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (66%)
- Black (30%)





- Cyan (30%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1192, 0.4419, 0.4305 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 27.1192, 0.4419, 0.4305 by changing the saturation by 10% instead.


 27.1192, 0.4419,
0.4305


 27.1192, 0.4419,
0.4305


288.2338, 0.3744,
0.3803


 17.6628, 0.4582,
0.4412

 55.0751, 0.4174,
0.4132

 10.7081, 0.4777,
0.4528

 74.3433, 0.4081,
0.4063


 5.8709, 0.5058,
0.4686

 97.6510, 0.4002,
0.4004

 2.7668, 0.5278,
0.4722

 125.3824, 0.3935,
0.3953

 1.0112, 0.5434,
0.4566

 157.9220, 0.3877,
0.3908

 0.0000, 1.0000,
0.0000

 195.6542, 0.3827,

 0.0000, 0.0000,

0.3868

0.0000

238.9633, 0.3783,
0.3834

■ 27.1192, 0.4419,
0.4305

■ 27.1192, 0.4419,
0.4305

■ 25.2087, 0.4625,
0.4388

■ 29.2058, 0.4202,
0.4185

■ 23.4617, 0.4808,
0.4425

■ 31.4721, 0.3984,
0.4040

■ 21.8688, 0.4960,
0.4412

■ 33.9264, 0.3772,
0.3879

■ 21.3120, 0.5014,
0.4401

■ 36.5751, 0.3573,
0.3713

■ 39.4242, 0.3390,
0.3547

■ 42.4793, 0.3223,
0.3387

■ 45.7459, 0.3074,
0.3235

■ 49.2290, 0.2940,
0.3093

■ 52.9335, 0.2822,
0.2961

Harmonies

Analogous

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



27.1192, 0.4664, 0.3759



27.1192, 0.4419, 0.4305



27.1192, 0.3838, 0.4679

Triad

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



27.1192, 0.4419, 0.4305



27.1192, 0.1957, 0.3181



27.1192, 0.2991, 0.2308

Complementary

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



27.1192, 0.4419, 0.4305



13.8645, 0.2030, 0.1909

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.



27.1192, 0.2328, 0.2129



27.1192, 0.4419, 0.4305



27.1192, 0.1795, 0.2530

Square

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



27.1192, 0.4419, 0.4305



27.1192, 0.2418, 0.4011



27.1192, 0.1922, 0.2189



27.1192, 0.3787, 0.2684

Rectangle

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



27.1192, 0.4419, 0.4305



27.1192, 0.3355, 0.4702



27.1192, 0.1922, 0.2189



27.1192, 0.2746, 0.2224

Sweetspot

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



27.1205, 0.4419, 0.4305



69.3707, 0.3462, 0.3614



13.6767, 0.4445, 0.2710



15.0518, 0.3513, 0.3660



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.



27.1205, 0.4419, 0.4305



44.0750, 0.4721, 0.4413



39.8705, 0.3871, 0.4871



9.3758, 0.3272, 0.3434



15.3738, 0.5002, 0.4410



0.5900, 0.4724, 0.4631

Inverse Universe

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



13.8645, 0.2030, 0.1909



18.4576, 0.1827, 0.1551



7.9673, 0.1983, 0.1253



8.7200, 0.2985, 0.3141



5.1011, 0.1663, 0.1186



0.2740, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 27.1192, 0.4419, 0.4305 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 27.1192, 0.4419, 0.4305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

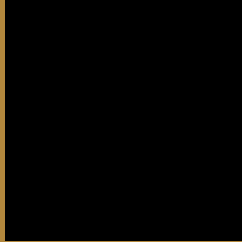
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1192, 0.4419, 0.4305

Background



This preview shows how black text looks on a background with the Yxy color 27.1192, 0.4419, 0.4305.



This preview shows how white text looks on a background with the Yxy color 27.1192, 0.4419, 0.4305.

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

27.1192, 0.4419, 0.4305

Protanopia

27.2618, 0.4093, 0.4501

Deuteranopia

27.0013, 0.4408, 0.4310



Tritanopia

27.1752, 0.3694, 0.3150

Trichromacy



Original Color

27.1192, 0.4419, 0.4305

Protanomaly

27.0924, 0.4211, 0.4433

Deuteranomaly

27.0013, 0.4408, 0.4310

Tritanomaly

27.0145, 0.3997, 0.3595

Monochromacy



Original Color

27.1192, 0.4419, 0.4305

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0751, 0.3599, 0.3747

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1192, 0.4419, 0.4305 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, 135, 60)` looks like.

```
.text, #text, p{  
    color:rgb(178, 135, 60)  
}
```

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, 135, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 135, 60) }
```

Border

The CSS property to change the border of an element to Yxy 27.1192, 0.4419, 0.4305 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, 135, 60) }
```

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

```
.border{ border-color:rgb(178, 135, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 135, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 135, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 135, 60);  
box-shadow:4px 4px 4px 4px rgb(178, 135,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1192, 0.4419, 0.4305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 135, 60) }
```

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

```
.background{ background-color: rgb(178,  
135, 60) }
```

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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