

Converting Colors

$Y_{xy}(27.9254, 0.4484, 0.4512)$

Have a look what the booklet for
Yxy(27.9254, 0.4484, 0.4512)
contains.

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Color

Yxy(27.9868, 0.4483, 0.4513)

Conversions

Conversions Part 1

Format	Color
Hex	B18B2B
RGB	177, 139, 43
RGB Percent	69%, 55%, 17%
CMY	0.3059, 0.4549, 0.8312
CMYK	0.00, 0.21, 0.76, 0.31
HSL	43°, 61%, 43%
HSV	43°, 76%, 69%
XYZ	27.8008, 27.9868, 6.2262
YIQ	139.4180, 53.4640, -21.8000

Conversions

Conversions Part 2

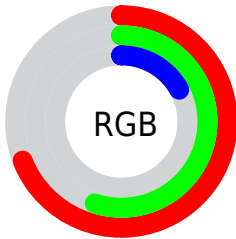
Format	Color
RYB	96, 177, 43
Decimal	11635499
CIELab	59.88, 4.85, 53.77
CIELCh	60, 53.988, 84.850
Yxy	27.9868, 0.4483, 0.4513
Android (android.graphics.Color)	4289825579 (0xFFB18B2B)
YUV	139.4180, -47.5341, 32.9594
Hunter-Lab	52.9026, 1.2239, 30.0539

Details

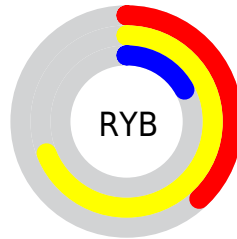
The Yxy color **27.9868, 0.4483, 0.4513** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.5796, 0.1848, 0.1490**, and the grayscale version is **26.1626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3584, 0.4249, 0.4314**, and **11.1378, 0.4714, 0.4639** is the 20% darker color. If you saturate the color by 10%, you get **26.4644, 0.4632, 0.4568**, and if you desaturate by 10%, it is **29.6351, 0.4310, 0.4413**.

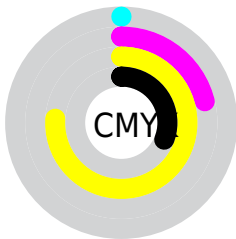
Distribution



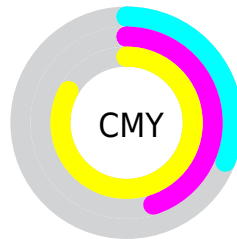
- Red (69%)
- Green (55%)
- Blue (17%)



- Red (38%)
- Yellow (69%)
- Blue (17%)



- Cyan (0%)
- Magenta (21%)
- Yellow (76%)
- Black (31%)




- Cyan (31%)
- Magenta (45%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9868, 0.4483, 0.4513 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 27.9868, 0.4483, 0.4513 by changing the saturation by 10% instead.


 27.9868, 0.4483,
0.4513


 27.9868, 0.4483,
0.4513


292.4038, 0.3799,
0.3917


 18.3157, 0.4632,
0.4632


 56.4634, 0.4245,
0.4313


 11.1769, 0.4798,
0.4755


 76.0376, 0.4151,
0.4231


 6.1859, 0.5055,
0.4945

 99.6817, 0.4071,
0.4161

 2.9585, 0.5104,
0.4896

 127.7801, 0.4001,
0.4099

 1.1101, 0.5192,
0.4808

 160.7171, 0.3941,
0.4045

 0.0000, 1.0000,
0.0000

 198.8771, 0.3888,

 0.0000, 0.0000,

0.3997

0.0000

242.6446, 0.3841,
0.3955

■ 27.9868, 0.4483,
0.4513

■ 27.9868, 0.4483,
0.4513

■ 26.4644, 0.4632,
0.4568

■ 29.6351, 0.4310,
0.4413

■ 25.0546, 0.4752,
0.4576

■ 31.4126, 0.4122,
0.4277

■ 24.4728, 0.4799,
0.4571

■ 33.3270, 0.3928,
0.4114

■ 35.3842, 0.3735,
0.3936

■ 37.5895, 0.3549,
0.3752

■ 39.9479, 0.3374,
0.3567

■ 42.4641, 0.3213,
0.3388

■ 45.1423, 0.3065,
0.3218

■ 47.9869, 0.2932,
0.3058

Harmonies

Analogous

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



27.9868, 0.4866, 0.3899



27.9868, 0.4483, 0.4513



27.9868, 0.3769, 0.4920

Triad

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



27.9868, 0.4483, 0.4513



27.9868, 0.1747, 0.2991



27.9868, 0.3120, 0.2245

Complementary

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



27.9868, 0.4483, 0.4513



9.5796, 0.1848, 0.1490

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.



27.9868, 0.2329, 0.2004



27.9868, 0.4483, 0.4513



27.9868, 0.1635, 0.2321

Square

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



27.9868, 0.4483, 0.4513



27.9868, 0.2195, 0.3958



27.9868, 0.1830, 0.2013



27.9868, 0.4039, 0.2692

Rectangle

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



27.9868, 0.4483, 0.4513



27.9868, 0.3212, 0.4899



27.9868, 0.1830, 0.2013



27.9868, 0.2830, 0.2140

Sweetspot

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



27.9882, 0.4483, 0.4513



68.2641, 0.3508, 0.3709



11.7061, 0.4935, 0.2809



14.4799, 0.3572, 0.3775



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.



27.9882, 0.4483, 0.4513



45.6412, 0.4717, 0.4578



38.1227, 0.3835, 0.5081



9.4911, 0.3270, 0.3452



17.8386, 0.4791, 0.4578



0.6544, 0.4590, 0.4738

Inverse Universe

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



9.5796, 0.1848, 0.1490



11.5624, 0.1659, 0.1104



6.2013, 0.1895, 0.1039



8.6097, 0.2985, 0.3122



4.0567, 0.1607, 0.0983



0.2294, 0.1768, 0.1563

Previews

White Background



This preview shows how the Yxy color 27.9868, 0.4483, 0.4513 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 27.9868, 0.4483, 0.4513 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 27.9868, 0.4483, 0.4513

Background



This preview shows how black text looks on a background with the Yxy color 27.9868, 0.4483, 0.4513.



This preview shows how white text looks on a background with the Yxy color 27.9868, 0.4483, 0.4513.

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

27.9868, 0.4483, 0.4513

Protanopia

28.1216, 0.4237, 0.4672

Deuteranopia

27.8969, 0.4544, 0.4455



Tritanopia

28.0491, 0.3648, 0.3150

Trichromacy



Original Color

27.9868, 0.4483, 0.4513

Protanomaly

28.0423, 0.4321, 0.4622

Deuteranomaly

28.0621, 0.4522, 0.4473

Tritanomaly

27.6187, 0.4014, 0.3696

Monochromacy



Original Color

27.9868, 0.4483, 0.4513

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.2370, 0.3659, 0.3861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9868, 0.4483, 0.4513 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(177, 139, 43)` looks like.

```
.text, #text, p{  
    color:rgb(177, 139, 43)  
}
```

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(177, 139, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 139, 43) }
```

Border

The CSS property to change the border of an element to Yxy 27.9868, 0.4483, 0.4513 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(177, 139, 43) }
```

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

```
.border{ border-color:rgb(177, 139, 43) }
```

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

Here you see how a box with a 4 pixel rgb(177, 139, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 139, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 139, 43);  
box-shadow:4px 4px 4px 4px rgb(177, 139,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9868, 0.4483, 0.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 139, 43) }
```

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

```
.background{ background-color: rgb(177,  
139, 43) }
```

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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