

Converting Colors

$Y_{xy}(22.8027, 0.4144, 0.4080)$

Have a look what the booklet for
Yxy(22.8027, 0.4144, 0.4080)
contains.

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Color

Yxy(22.9033, 0.4149, 0.4091)

Conversions

Conversions Part 1

Format	Color
Hex	A07E4B
RGB	160, 126, 75
RGB Percent	63%, 49%, 29%
CMY	0.3726, 0.5059, 0.7059
CMYK	0.00, 0.21, 0.53, 0.37
HSL	36°, 36%, 46%
HSV	36°, 53%, 63%
XYZ	23.2280, 22.9033, 9.8533
YIQ	130.3520, 36.6350, -8.6530

Conversions

Conversions Part 2

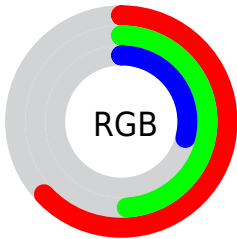
Format	Color
R_{YB}	132, 160, 75
Decimal	10518091
CIE _{Lab}	54.97, 6.69, 32.57
CIE _{LCh}	55, 33.254, 78.398
Yxy	22.9033, 0.4149, 0.4091
Android (android.graphics.Color)	4288708171 (0xFFA07E4B)
YUV	130.3520, -27.2885, 26.0013
Hunter-Lab	47.8574, 2.8861, 21.2930

Details

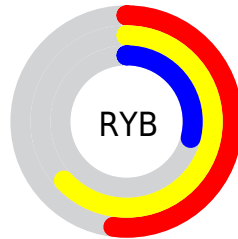
The Yxy color **22.9033, 0.4149, 0.4091** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.9706, 0.2262, 0.2301**, and the grayscale version is **22.5439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4726, 0.3934, 0.3937**, and **8.4558, 0.4510, 0.4330** is the 20% darker color. If you saturate the color by 10%, you get **21.1275, 0.4379, 0.4214**, and if you desaturate by 10%, it is **24.8411, 0.3924, 0.3948**.

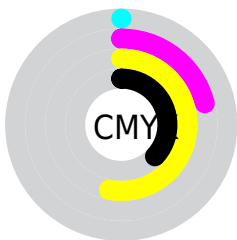
Distribution



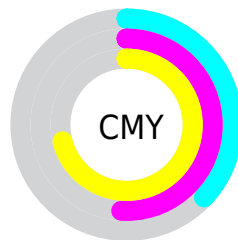
- Red (63%)
- Green (49%)
- Blue (29%)



- Red (52%)
- Yellow (63%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (53%)
- Black (37%)





- Cyan (37%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9033, 0.4149, 0.4091 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 22.9033, 0.4149, 0.4091 by changing the saturation by 10% instead.


 22.9033, 0.4149,
0.4091


 22.9033, 0.4149,
0.4091


267.2279, 0.3587,
0.3667


 14.5221, 0.4301,
0.4197


 48.2345, 0.3934,
0.3935


 8.4847, 0.4499,
0.4326

 65.9533, 0.3857,
0.3876

 4.4066, 0.4767,
0.4487

 87.5534, 0.3792,
0.3827

 1.9035, 0.5239,
0.4761

 113.4193, 0.3738,
0.3785

 0.5505, 0.5550,
0.4450

 143.9353, 0.3692,
0.3750

 0.0000, 0.0000,
0.0000

179.4858, 0.3652,

0.3718

220.4552, 0.3618,
0.3691

■ 22.9033, 0.4149,
0.4091

■ 22.9033, 0.4149,
0.4091

■ 21.1275, 0.4379,
0.4214

■ 24.8411, 0.3924,
0.3948

■ 19.5042, 0.4603,
0.4304

■ 26.9433, 0.3711,
0.3794

■ 18.0278, 0.4812,
0.4352

■ 29.2163, 0.3514,
0.3637

■ 16.6904, 0.4991,
0.4350

■ 31.6649, 0.3335,
0.3482

■ 15.8405, 0.5105,
0.4329

■ 34.2940, 0.3174,
0.3335

■ 37.1081, 0.3030,
0.3195

■ 40.1114, 0.2903,
0.3065

■ 43.3080, 0.2791,
0.2945

■ 46.7020, 0.2692,
0.2835

Harmonies

Analogous

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



22.9033, 0.4303, 0.3673



22.9033, 0.4149, 0.4091



22.9033, 0.3720, 0.4346

Triad

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



22.9033, 0.4149, 0.4091



22.9033, 0.2227, 0.3247



22.9033, 0.3010, 0.2505

Complementary

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



22.9033, 0.4149, 0.4091



14.9706, 0.2262, 0.2301

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.



22.9033, 0.2493, 0.2370



22.9033, 0.4149, 0.4091



22.9033, 0.2077, 0.2735

Square

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



22.9033, 0.4149, 0.4091



22.9033, 0.2610, 0.3849



22.9033, 0.2170, 0.2439



22.9033, 0.3612, 0.2805

Rectangle

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



22.9033, 0.4149, 0.4091



22.9033, 0.3349, 0.4345



22.9033, 0.2170, 0.2439



22.9033, 0.2821, 0.2439

Sweetspot

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



22.9044, 0.4149, 0.4091



56.0437, 0.3390, 0.3531



13.6101, 0.4000, 0.2753



12.1036, 0.3424, 0.3561



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



22.9044, 0.4149, 0.4091



37.7168, 0.4427, 0.4236



32.2766, 0.3789, 0.4581



7.2747, 0.3270, 0.3424



12.4275, 0.5094, 0.4337



0.3034, 0.4657, 0.4685

Inverse Universe

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



14.9706, 0.2262, 0.2301



21.7631, 0.2073, 0.2026



9.4324, 0.2214, 0.1675



6.8489, 0.2988, 0.3152



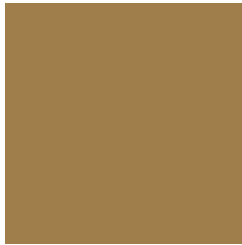
4.9146, 0.1694, 0.1299



0.1682, 0.1910, 0.2075

Previews

White Background



This preview shows how the Yxy color 22.9033, 0.4149, 0.4091 looks on a white background.

Color Contrast Check

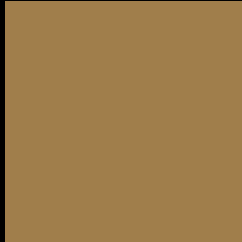
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9033, 0.4149, 0.4091 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 22.9033, 0.4149, 0.4091

Background



This preview shows how black text looks on a background with the Yxy color 22.9033, 0.4149, 0.4091.



This preview shows how white text looks on a background with the Yxy color 22.9033, 0.4149, 0.4091.

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

22.9033, 0.4149, 0.4091

Protanopia

22.9676, 0.3877, 0.4222

Deuteranopia

23.0068, 0.4162, 0.4087



Tritanopia

23.0173, 0.3586, 0.3151

Trichromacy



Original Color

22.9033, 0.4149, 0.4091

Protanomaly

22.9711, 0.3979, 0.4180

Deuteranomaly

23.0068, 0.4162, 0.4087

Tritanomaly

22.8097, 0.3808, 0.3499

Monochromacy



Original Color

22.9033, 0.4149, 0.4091

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.4890, 0.3487, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9033, 0.4149, 0.4091 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(160, 126, 75)` looks like.

```
.text, #text, p{  
    color:rgb(160, 126, 75)  
}
```

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(160, 126, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 126, 75) }
```

Border

The CSS property to change the border of an element to Yxy 22.9033, 0.4149, 0.4091 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(160, 126, 75) }
```

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

```
.border{ border-color:rgb(160, 126, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 126, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 126, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 126, 75);  
box-shadow:4px 4px 4px 4px rgb(160, 126,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9033, 0.4149, 0.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 126, 75) }
```

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

```
.background{ background-color: rgb(160,  
126, 75) }
```

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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