

Converting Colors

$Y_{xy}(29.2962, 0.3800, 0.4106)$

Have a look what the booklet for
Yxy(29.2962, 0.3800, 0.4106)
contains.

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Color

Yxy(29.1672, 0.3792, 0.4097)

Conversions

Conversions Part 1

Format	Color
Hex	A0935F
RGB	160, 147, 95
RGB Percent	63%, 58%, 37%
CMY	0.3725, 0.4235, 0.6275
CMYK	0.00, 0.08, 0.41, 0.37
HSL	48°, 25%, 50%
HSV	48°, 41%, 63%
XYZ	26.9959, 29.1672, 15.0285
YIQ	144.9590, 24.4400, -13.4160

Conversions

Conversions Part 2

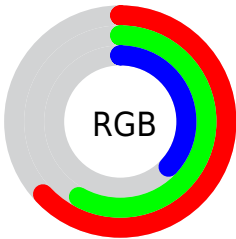
Format	Color
R_{YB}	111, 160, 95
Decimal	10523487
CIE Lab	60.93, -2.92, 29.28
CIE LCh	61, 29.422, 95.702
Yxy	29.1672, 0.3792, 0.4097
Android (android.graphics.Color)	4288713567 (0xFFA0935F)
YUV	144.9590, -24.6298, 13.1910
Hunter-Lab	54.0067, -5.2864, 21.3059

Details

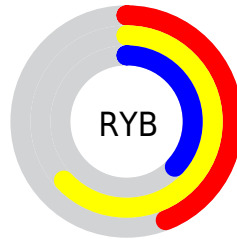
The Yxy color $29.1672, 0.3792, 0.4097$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.6902, 0.2432, 0.2323$, and the grayscale version is $28.3923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4475, 0.3664, 0.3937$, and $11.8804, 0.3998, 0.4377$ is the 20% darker color. If you saturate the color by 10%, you get $27.9260, 0.3965, 0.4283$, and if you desaturate by 10%, it is $30.4985, 0.3618, 0.3899$.

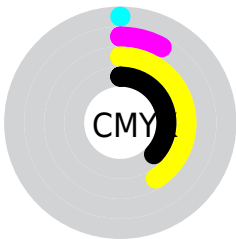
Distribution



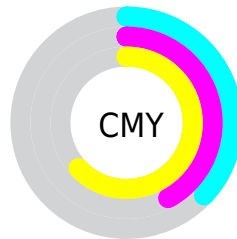
- Red (63%)
- Green (58%)
- Blue (37%)



- Red (44%)
- Yellow (63%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (37%)





- Cyan (37%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1672, 0.3792, 0.4097 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 29.1672, 0.3792, 0.4097 by changing the saturation by 10% instead.


 29.1672, 0.3792,
0.4097


 29.1672, 0.3792,
0.4097


298.0030, 0.3442,
0.3666


 19.2073, 0.3882,
0.4212


 58.3426, 0.3662,
0.3934


 11.8202, 0.3998,
0.4361


 78.3270, 0.3613,
0.3875

 6.6214, 0.4149,
0.4560


 102.4216, 0.3573,
0.3825

 3.2265, 0.4393,
0.4886

 131.0110, 0.3539,
0.3784

 1.2511, 0.4682,
0.5318

164.4794, 0.3509,
0.3748

 0.1028, 0.2042,
0.7958

203.2113, 0.3484,

 0.0000, 0.0000,

0.3717

0.0000

247.5910, 0.3461,
0.3689

■ 29.1672, 0.3792,
0.4097

■ 29.1672, 0.3792,
0.4097

■ 27.9260, 0.3965,
0.4283

■ 30.4985, 0.3618,
0.3899

■ 26.7670, 0.4131,
0.4447

■ 31.9195, 0.3449,
0.3696

■ 25.6871, 0.4282,
0.4580

■ 33.4348, 0.3287,
0.3495

■ 24.6816, 0.4412,
0.4674

■ 35.0476, 0.3136,
0.3302

■ 23.7447, 0.4515,
0.4722

■ 36.7608, 0.2997,
0.3119

■ 22.9174, 0.4592,
0.4736

■ 38.5772, 0.2870,
0.2947

■ 40.4995, 0.2755,
0.2788

■ 42.5303, 0.2651,
0.2642

■ 44.6719, 0.2558,
0.2508

Harmonies

Analogous

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



29.1672, 0.4053, 0.3829



29.1672, 0.3792, 0.4097



29.1672, 0.3362, 0.4149

Triad

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



29.1672, 0.3792, 0.4097



29.1672, 0.2282, 0.3005



29.1672, 0.3320, 0.2766

Complementary

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



29.1672, 0.3792, 0.4097



15.6902, 0.2432, 0.2323

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.



29.1672, 0.2839, 0.2567



29.1672, 0.3792, 0.4097



29.1672, 0.2272, 0.2672

Square

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



29.1672, 0.3792, 0.4097



29.1672, 0.2499, 0.3469



29.1672, 0.2466, 0.2527



29.1672, 0.3777, 0.3083

Rectangle

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



29.1672, 0.3792, 0.4097



29.1672, 0.3043, 0.4023



29.1672, 0.2466, 0.2527



29.1672, 0.3154, 0.2684

Sweetspot

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



29.1685, 0.3792, 0.4097



60.2569, 0.3312, 0.3527



16.7371, 0.3920, 0.3081



13.1419, 0.3331, 0.3551



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.



29.1685, 0.3792, 0.4097



50.8562, 0.3953, 0.4271



31.5864, 0.3513, 0.4345



7.4950, 0.3265, 0.3468



17.9146, 0.4587, 0.4740



0.3729, 0.4405, 0.4884

Inverse Universe

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



15.6902, 0.2432, 0.2323



22.9218, 0.2254, 0.2055



14.3292, 0.2608, 0.2143



6.6394, 0.2988, 0.3106



2.8336, 0.1562, 0.0824



0.1017, 0.1737, 0.1454

Previews

White Background



This preview shows how the Yxy color 29.1672, 0.3792, 0.4097 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 29.1672, 0.3792, 0.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

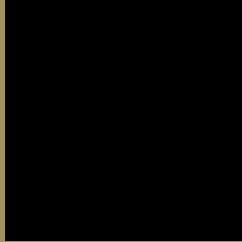
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1672, 0.3792, 0.4097

Background



This preview shows how black text looks on a background with the Yxy color 29.1672, 0.3792, 0.4097.



This preview shows how white text looks on a background with the Yxy color 29.1672, 0.3792, 0.4097.

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

29.1672, 0.3792, 0.4097

Protanopia

29.1672, 0.3792, 0.4097

Deuteranopia

29.2414, 0.4014, 0.3944



Tritanopia

29.0975, 0.3298, 0.3127

Trichromacy



Original Color

29.1672, 0.3792, 0.4097

Protanomaly

29.1672, 0.3792, 0.4097

Deuteranomaly

29.1474, 0.3932, 0.3990

Tritanomaly

29.1761, 0.3481, 0.3475

Monochromacy



Original Color

29.1672, 0.3792, 0.4097

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.5741, 0.3359, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1672, 0.3792, 0.4097 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, 147, 95)` looks like.

```
.text, #text, p{  
    color:rgb(160, 147, 95)  
}
```

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, 147, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 147, 95) }
```

Border

The CSS property to change the border of an element to Yxy 29.1672, 0.3792, 0.4097 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, 147, 95) }
```

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

```
.border{ border-color:rgb(160, 147, 95) }
```

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

Here you see how a box with a 4 pixel rgb(160, 147, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 147, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 147, 95);  
box-shadow:4px 4px 4px 4px rgb(160, 147,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1672, 0.3792, 0.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 147, 95) }
```

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

```
.background{ background-color: rgb(160,  
147, 95) }
```

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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