

Converting Colors

$Y_{xy}(30.7019, 0.4151, 0.4082)$

Have a look what the booklet for
Yxy(30.7019, 0.4151, 0.4082)
contains.

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Color

Yxy(30.7019, 0.4151, 0.4082)

Conversions

Conversions Part 1

Format	Color
Hex	B79057
RGB	183, 144, 87
RGB Percent	72%, 56%, 34%
CMY	0.2824, 0.4353, 0.6589
CMYK	0.00, 0.21, 0.52, 0.28
HSL	36°, 40%, 53%
HSV	36°, 52%, 72%
XYZ	31.2209, 30.7019, 13.2901
YIQ	149.1630, 41.5410, -9.4590

Conversions

Conversions Part 2

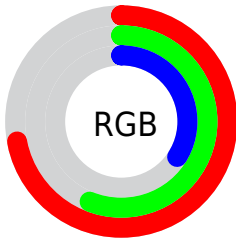
Format	Color
RYB	153, 183, 87
Decimal	12030039
CIELab	62.26, 7.68, 35.71
CIElCh	62, 36.530, 77.860
Yxy	30.7019, 0.4151, 0.4082
Android (android.graphics.Color)	4290220119 (0xFFB79057)
YUV	149.1630, -30.6464, 29.6750
Hunter-Lab	55.4093, 3.6112, 24.5656

Details

The Yxy color **30.7019, 0.4151, 0.4082** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.3553, 0.2266, 0.2314**, and the grayscale version is **30.2451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9239, 0.3950, 0.3942**, and **12.6639, 0.4454, 0.4299** is the 20% darker color. If you saturate the color by 10%, you get **28.2638, 0.4385, 0.4205**, and if you desaturate by 10%, it is **33.3669, 0.3922, 0.3938**.

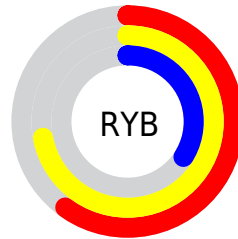
Distribution



Red (72%)

Green (56%)

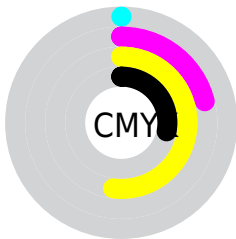
Blue (34%)



Red (60%)

Yellow (72%)

Blue (34%)

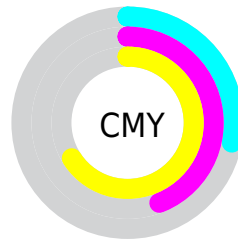


Cyan (0%)

Magenta (21%)

Yellow (52%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7019, 0.4151, 0.4082 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 30.7019, 0.4151, 0.4082 by changing the saturation by 10% instead.

 30.7019, 0.4151,
0.4082


 30.7019, 0.4151,
0.4082


305.1626, 0.3613,
0.3683


 20.3720, 0.4288,
0.4176


 60.7704, 0.3952,
0.3940


 12.6657, 0.4462,
0.4289


 81.2778, 0.3878,
0.3885

 7.1988, 0.4685,
0.4421

 105.9465, 0.3816,
0.3839

 3.5867, 0.5088,
0.4670

 135.1608, 0.3763,
0.3799

 1.4452, 0.5331,
0.4669

 169.3052, 0.3718,
0.3764

 0.2497, 0.6299,
0.3701

208.7640, 0.3678,

 0.0000, 0.0000,

0.3734

0.0000

253.9217, 0.3644,
0.3707

■ 30.7019, 0.4151,
0.4082

■ 30.7019, 0.4151,
0.4082

■ 28.2638, 0.4385,
0.4205

■ 33.3669, 0.3922,
0.3938

■ 26.0396, 0.4615,
0.4295

■ 36.2624, 0.3706,
0.3784

■ 24.0211, 0.4828,
0.4341

■ 39.3973, 0.3507,
0.3627

■ 22.1972, 0.5012,
0.4336

■ 42.7786, 0.3326,
0.3473

■ 20.9394, 0.5134,
0.4306

■ 46.4130, 0.3164,
0.3325

■ 50.3069, 0.3021,
0.3186

■ 54.4661, 0.2894,
0.3057

■ 58.8967, 0.2781,
0.2938

■ 63.6042, 0.2682,
0.2829

Harmonies

Analogous

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



30.7019, 0.4299, 0.3664



30.7019, 0.4151, 0.4082



30.7019, 0.3727, 0.4340

Triad

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



30.7019, 0.4151, 0.4082



30.7019, 0.2235, 0.3258



30.7019, 0.3000, 0.2503

Complementary

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



30.7019, 0.4151, 0.4082



20.3553, 0.2266, 0.2314

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.



30.7019, 0.2487, 0.2373



30.7019, 0.4151, 0.4082



30.7019, 0.2081, 0.2745

Square

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



30.7019, 0.4151, 0.4082



30.7019, 0.2621, 0.3857



30.7019, 0.2169, 0.2445



30.7019, 0.3600, 0.2800

Rectangle

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



30.7019, 0.4151, 0.4082



30.7019, 0.3358, 0.4343



30.7019, 0.2169, 0.2445



30.7019, 0.2812, 0.2439

Sweetspot

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



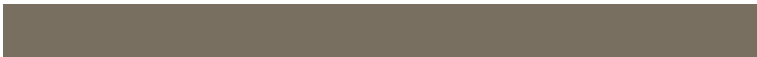
30.7034, 0.4151, 0.4082



74.2697, 0.3392, 0.3531



18.4102, 0.3971, 0.2732



16.1295, 0.3429, 0.3562



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



30.7034, 0.4151, 0.4082



49.9721, 0.4422, 0.4221



43.6680, 0.3803, 0.4571



9.8751, 0.3273, 0.3426



14.7452, 0.5119, 0.4317



0.6380, 0.4821, 0.4554

Inverse Universe

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



20.3553, 0.2266, 0.2314



29.4942, 0.2084, 0.2051



12.6614, 0.2202, 0.1673



9.3022, 0.2985, 0.3151



5.9578, 0.1696, 0.1304



0.3325, 0.1842, 0.1832

Previews

White Background



This preview shows how the Yxy color 30.7019, 0.4151, 0.4082 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.7019, 0.4151, 0.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

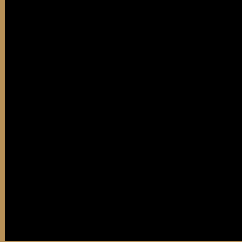
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7019, 0.4151, 0.4082

Background



This preview shows how black text looks on a background with the Yxy color 30.7019, 0.4151, 0.4082.



This preview shows how white text looks on a background with the Yxy color 30.7019, 0.4151, 0.4082.

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

30.7019, 0.4151, 0.4082

Protanopia

30.8538, 0.3881, 0.4218

Deuteranopia

30.7019, 0.4151, 0.4082



Tritanopia

30.6893, 0.3591, 0.3153

Trichromacy



Original Color

30.7019, 0.4151, 0.4082

Protanomaly

30.6550, 0.3989, 0.4164

Deuteranomaly

30.7019, 0.4151, 0.4082

Tritanomaly

30.6759, 0.3806, 0.3503

Monochromacy



Original Color

30.7019, 0.4151, 0.4082

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.9509, 0.3488, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7019, 0.4151, 0.4082 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(183, 144, 87)` looks like.

```
.text, #text, p{  
    color:rgb(183, 144, 87)  
}
```

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(183, 144, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 144, 87) }
```

Border

The CSS property to change the border of an element to Yxy 30.7019, 0.4151, 0.4082 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(183, 144, 87) }
```

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

```
.border{ border-color:rgb(183, 144, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 144, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 144, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 144, 87);  
box-shadow:4px 4px 4px 4px rgb(183, 144,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7019, 0.4151, 0.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 144, 87) }
```

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

```
.background{ background-color: rgb(183,  
144, 87) }
```

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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