

Converting Colors

$Y_{xy}(29.0635, 0.4410, 0.4094)$

Have a look what the booklet for
Yxy(29.0635, 0.4410, 0.4094)
contains.

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Color

Yxy(29.0635, 0.4410, 0.4094)

Conversions

Conversions Part 1

Format	Color
Hex	BE884B
RGB	190, 136, 75
RGB Percent	75%, 53%, 29%
CMY	0.2550, 0.4666, 0.7058
CMYK	0.00, 0.28, 0.61, 0.25
HSL	32°, 47%, 52%
HSV	32°, 61%, 75%
XYZ	31.3068, 29.0635, 10.6202
YIQ	145.1920, 51.7650, -7.5230

Conversions

Conversions Part 2

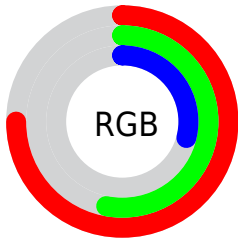
Format	Color
R_{YB}	177, 190, 75
Decimal	12486731
CIE _{Lab}	60.84, 14.11, 40.42
CIE _{LCh}	61, 42.807, 70.756
Yxy	29.0635, 0.4410, 0.4094
Android (android.graphics.Color)	4290676811 (0xFFBE884B)
YUV	145.1920, -34.6047, 39.2966
Hunter-Lab	53.9106, 9.3145, 26.0575

Details

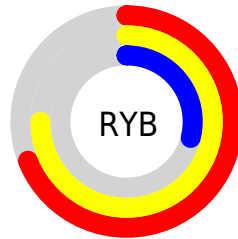
The Yxy color **29.0635, 0.4410, 0.4094** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.9125, 0.2164, 0.2257**, and the grayscale version is **28.5266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0156, 0.4165, 0.3964**, and **11.7213, 0.4795, 0.4259** is the 20% darker color. If you saturate the color by 10%, you get **26.4334, 0.4670, 0.4178**, and if you desaturate by 10%, it is **31.9832, 0.4152, 0.3980**.

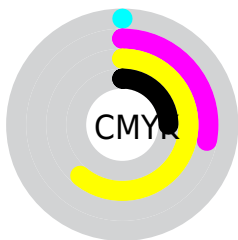
Distribution



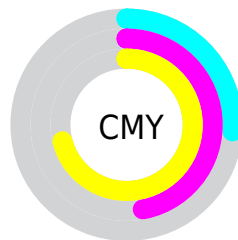
- Red (75%)
- Green (53%)
- Blue (29%)



- Red (69%)
- Yellow (75%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (61%)
- Black (25%)





- Cyan (26%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0635, 0.4410, 0.4094 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 29.0635, 0.4410, 0.4094 by changing the saturation by 10% instead.

 29.0635, 0.4410,
0.4094

 29.0635, 0.4410,
0.4094


297.5145, 0.3733,
0.3705


 19.1289, 0.4580,
0.4175


 58.1780, 0.4160,
0.3962


 11.7634, 0.4794,
0.4264


 78.1266, 0.4067,
0.3909


 6.5828, 0.5062,
0.4349


 102.1820, 0.3989,
0.3863

 3.2026, 0.5510,
0.4490

 130.7285, 0.3922,
0.3823

 1.2384, 0.5731,
0.4269

 164.1507, 0.3865,
0.3788

 0.0927, 0.8235,
0.1765

202.8328, 0.3815,

 0.0000, 0.0000,

0.3757

0.0000

247.1592, 0.3772,
0.3730

■ 29.0635, 0.4410,
0.4094

■ 29.0635, 0.4410,
0.4094

■ 26.4334, 0.4670,
0.4178

■ 31.9832, 0.4152,
0.3980

■ 24.0765, 0.4918,
0.4219

■ 35.1994, 0.3907,
0.3848

■ 21.9803, 0.5139,
0.4209

■ 38.7240, 0.3681,
0.3707

■ 20.2117, 0.5320,
0.4158

■ 42.5665, 0.3477,
0.3565

■ 46.7362, 0.3295,
0.3427

■ 51.2419, 0.3135,
0.3296

■ 56.0920, 0.2994,
0.3174

■ 61.2944, 0.2871,
0.3061

■ 66.8569, 0.2763,
0.2956

Harmonies

Analogous

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



29.0635, 0.4504, 0.3581



29.0635, 0.4410, 0.4094



29.0635, 0.3962, 0.4485

Triad

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



29.0635, 0.4410, 0.4094



29.0635, 0.2158, 0.3413



29.0635, 0.2811, 0.2319

Complementary

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



29.0635, 0.4410, 0.4094



20.9125, 0.2164, 0.2257

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.



29.0635, 0.2263, 0.2217



29.0635, 0.4410, 0.4094



29.0635, 0.1922, 0.2754

Square

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



29.0635, 0.4410, 0.4094



29.0635, 0.2658, 0.4132



29.0635, 0.1961, 0.2351



29.0635, 0.3517, 0.2619

Rectangle

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



29.0635, 0.4410, 0.4094



29.0635, 0.3544, 0.4578



29.0635, 0.1961, 0.2351



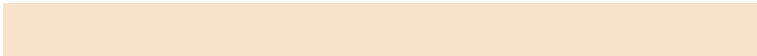
29.0635, 0.2604, 0.2261

Sweetspot

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



29.0649, 0.4410, 0.4094



78.7779, 0.3435, 0.3534



17.6077, 0.4050, 0.2564



16.8261, 0.3491, 0.3576



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



29.0649, 0.4410, 0.4094



46.2858, 0.4763, 0.4199



48.0275, 0.3954, 0.4696



10.3517, 0.3275, 0.3412



13.6007, 0.5302, 0.4173



0.6627, 0.4968, 0.4438

Inverse Universe

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



20.9125, 0.2164, 0.2257



30.2351, 0.1980, 0.1975



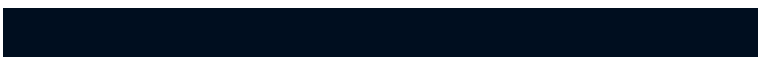
10.3274, 0.1979, 0.1375



9.9440, 0.2984, 0.3165



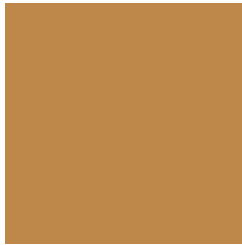
7.3996, 0.1749, 0.1498



0.4208, 0.1876, 0.1954

Previews

White Background



This preview shows how the Yxy color 29.0635, 0.4410, 0.4094 looks on a white background.

Color Contrast Check

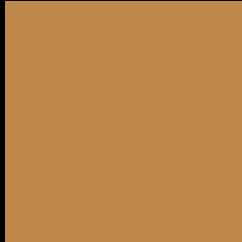
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0635, 0.4410, 0.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

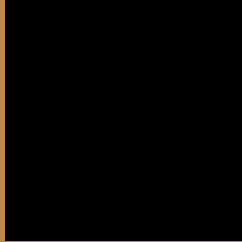
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0635, 0.4410, 0.4094

Background



This preview shows how black text looks on a background with the Yxy color 29.0635, 0.4410, 0.4094.



This preview shows how white text looks on a background with the Yxy color 29.0635, 0.4410, 0.4094.

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

29.0635, 0.4410, 0.4094

Protanopia

29.1133, 0.3964, 0.4315

Deuteranopia

29.0743, 0.4283, 0.4197



Tritanopia

29.1376, 0.3802, 0.3170

Trichromacy



Original Color

29.0635, 0.4410, 0.4094

Protanomaly

28.9656, 0.4119, 0.4229

Deuteranomaly

29.1500, 0.4326, 0.4170

Tritanomaly

29.0778, 0.4041, 0.3525

Monochromacy



Original Color

29.0635, 0.4410, 0.4094

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.2791, 0.3568, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0635, 0.4410, 0.4094 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(190, 136, 75)` looks like.

```
.text, #text, p{  
    color:rgb(190, 136, 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(190, 136, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 136, 75) }
```

Border

The CSS property to change the border of an element to Yxy 29.0635, 0.4410, 0.4094 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(190, 136, 75) }
```

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

```
.border{ border-color:rgb(190, 136, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 136, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 136, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 136, 75);  
box-shadow:4px 4px 4px 4px rgb(190, 136,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0635, 0.4410, 0.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 136, 75) }
```

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

```
.background{ background-color: rgb(190,  
136, 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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