

Converting Colors

$Yxy(30.6643, 0.4091, 0.4021)$

Have a look what the booklet for
Yxy(30.6643, 0.4091, 0.4021)
contains.

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Color

Yxy(30.6643, 0.4091, 0.4021)

Conversions

Conversions Part 1

Format	Color
Hex	B6905C
RGB	182, 144, 92
RGB Percent	71%, 56%, 36%
CMY	0.2862, 0.4353, 0.6392
CMYK	0.00, 0.21, 0.49, 0.29
HSL	35°, 38%, 54%
HSV	35°, 49%, 71%
XYZ	31.1981, 30.6643, 14.3980
YIQ	149.4340, 39.3400, -8.1160

Conversions

Conversions Part 2

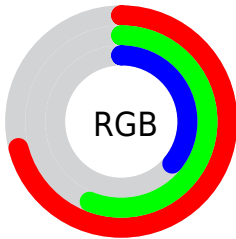
Format	Color
RYB	158, 182, 92
Decimal	11964508
CIELab	62.22, 7.74, 32.97
CIELCh	62, 33.870, 76.796
Yxy	30.6643, 0.4091, 0.4021
Android (android.graphics.Color)	4290154588 (0xFFB6905C)
YUV	149.4340, -28.3150, 28.5604
Hunter-Lab	55.3754, 3.6589, 23.3470

Details

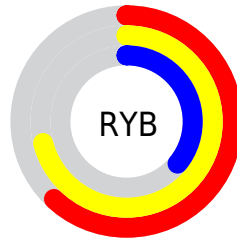
The Yxy color **30.6643, 0.4091, 0.4021** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.6192, 0.2321, 0.2408**, and the grayscale version is **30.3575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8966, 0.3903, 0.3891**, and **12.6993, 0.4396, 0.4226** is the 20% darker color. If you saturate the color by 10%, you get **28.1353, 0.4330, 0.4148**, and if you desaturate by 10%, it is **33.4312, 0.3861, 0.3877**.

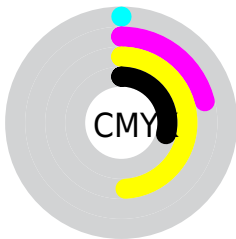
Distribution



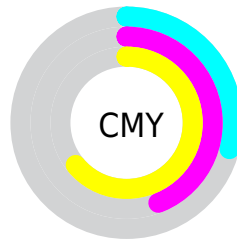
- Red (71%)
- Green (56%)
- Blue (36%)



- Red (62%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (29%)




- Cyan (29%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6643, 0.4091, 0.4021 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 30.6643, 0.4091, 0.4021 by changing the saturation by 10% instead.


 30.6643, 0.4091,
0.4021


 30.6643, 0.4091,
0.4021


304.9888, 0.3582,
0.3651


 20.3434, 0.4223,
0.4110

 60.7112, 0.3902,
0.3888

 12.6449, 0.4391,
0.4218


 81.2059, 0.3832,
0.3837

 7.1845, 0.4612,
0.4348


 105.8606, 0.3773,
0.3794

 3.5777, 0.4969,
0.4556

 135.0598, 0.3723,
0.3757

 1.4403, 0.5335,
0.4665

169.1878, 0.3680,
0.3725

 0.2461, 0.6321,
0.3679

208.6290, 0.3643,

 0.0000, 0.0000,

0.3697

0.0000

253.7679, 0.3611,
0.3672

■ 30.6643, 0.4091,
0.4021

■ 30.6643, 0.4091,
0.4021

■ 28.1353, 0.4330,
0.4148

■ 33.4312, 0.3861,
0.3877

■ 25.8311, 0.4569,
0.4246

■ 36.4397, 0.3647,
0.3725

■ 23.7436, 0.4796,
0.4303

■ 39.6988, 0.3451,
0.3572

■ 21.8621, 0.4998,
0.4311

■ 43.2156, 0.3276,
0.3424

■ 20.1689, 0.5170,
0.4272

■ 46.9969, 0.3119,
0.3283

■ 20.0813, 0.5179,
0.4269

■ 51.0492, 0.2981,
0.3150

■ 55.3786, 0.2859,
0.3028

■ 59.9912, 0.2751,
0.2915

■ 64.8407, 0.2661,
0.2820

Harmonies

Analogous

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



30.6643, 0.4213, 0.3631



30.6643, 0.4091, 0.4021



30.6643, 0.3707, 0.4260

Triad

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



30.6643, 0.4091, 0.4021



30.6643, 0.2304, 0.3284



30.6643, 0.2992, 0.2546

Complementary

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



30.6643, 0.4091, 0.4021



21.6192, 0.2321, 0.2408

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.



30.6643, 0.2518, 0.2431



30.6643, 0.4091, 0.4021



30.6643, 0.2150, 0.2801

Square

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



30.6643, 0.4091, 0.4021



30.6643, 0.2674, 0.3831



30.6643, 0.2225, 0.2509



30.6643, 0.3548, 0.2821

Rectangle

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



30.6643, 0.4091, 0.4021



30.6643, 0.3366, 0.4266



30.6643, 0.2225, 0.2509



30.6643, 0.2818, 0.2488

Sweetspot

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



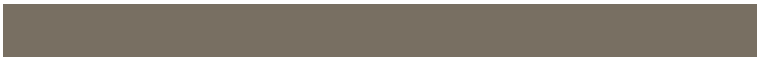
30.6658, 0.4091, 0.4021



74.5859, 0.3375, 0.3509



19.2384, 0.3877, 0.2740



16.1818, 0.3413, 0.3540



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.



30.6658, 0.4091, 0.4021



50.7658, 0.4343, 0.4154



43.4642, 0.3785, 0.4499



9.8506, 0.3274, 0.3422



14.3132, 0.5165, 0.4281



0.6243, 0.4851, 0.4530

Inverse Universe

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



21.6192, 0.2321, 0.2408



32.5594, 0.2153, 0.2177



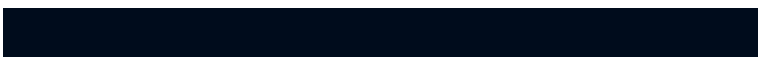
13.6275, 0.2250, 0.1772



9.3261, 0.2985, 0.3154



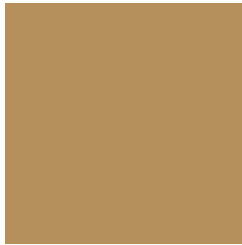
6.2444, 0.1709, 0.1352



0.3433, 0.1854, 0.1873

Previews

White Background



This preview shows how the Yxy color 30.6643, 0.4091, 0.4021 looks on a white background.

Color Contrast Check

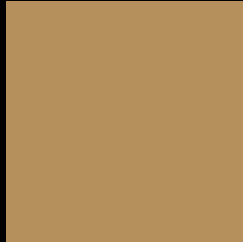
Large Text (above 18pt) WCAG AA × Fail

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 30.6643, 0.4091, 0.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

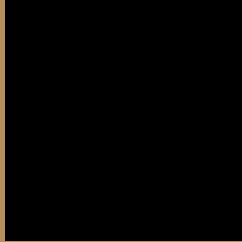
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6643, 0.4091, 0.4021

Background



This preview shows how black text looks on a background with the Yxy color 30.6643, 0.4091, 0.4021.



This preview shows how white text looks on a background with the Yxy color 30.6643, 0.4091, 0.4021.

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

30.6643, 0.4091, 0.4021

Protanopia

30.8520, 0.3814, 0.4137

Deuteranopia

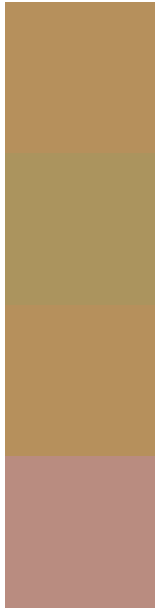
30.6643, 0.4091, 0.4021



Tritanopia

30.5942, 0.3569, 0.3139

Trichromacy



Original Color

30.6643, 0.4091, 0.4021

Protanomaly

30.6459, 0.3920, 0.4086

Deuteranomaly

30.6643, 0.4091, 0.4021

Tritanomaly

30.6290, 0.3761, 0.3461

Monochromacy



Original Color

30.6643, 0.4091, 0.4021

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.0030, 0.3468, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6643, 0.4091, 0.4021 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(182, 144, 92)` looks like.

```
.text, #text, p{  
    color:rgb(182, 144, 92)  
}
```

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(182, 144, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 144, 92) }
```

Border

The CSS property to change the border of an element to Yxy 30.6643, 0.4091, 0.4021 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(182, 144, 92) }
```

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

```
.border{ border-color:rgb(182, 144, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 144, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 144, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 144, 92);  
box-shadow:4px 4px 4px 4px rgb(182, 144,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6643, 0.4091, 0.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 144, 92) }
```

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

```
.background{ background-color: rgb(182,  
144, 92) }
```

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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