

Converting Colors

$Yxy(30.7507, 0.4301, 0.4061)$

Have a look what the booklet for
Yxy(30.7507, 0.4301, 0.4061)
contains.

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Color

Yxy(30.7507, 0.4301, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	BF8D53
RGB	191, 141, 83
RGB Percent	75%, 55%, 33%
CMY	0.2511, 0.4470, 0.6745
CMYK	0.00, 0.26, 0.57, 0.25
HSL	32°, 46%, 54%
HSV	32°, 57%, 75%
XYZ	32.5680, 30.7507, 12.4033
YIQ	149.3380, 48.4180, -7.4380

Conversions

Conversions Part 2

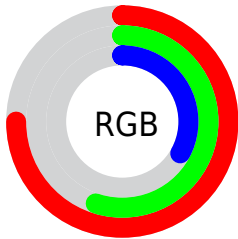
Format	Color
RYB	176, 191, 83
Decimal	12553555
CIELab	62.30, 12.40, 38.04
CIElCh	62, 40.011, 71.952
Yxy	30.7507, 0.4301, 0.4061
Android (android.graphics.Color)	4290743635 (0xFFBF8D53)
YUV	149.3380, -32.7046, 36.5376
Hunter-Lab	55.4533, 7.7907, 25.5559

Details

The Yxy color **30.7507, 0.4301, 0.4061** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.3660, 0.2220, 0.2325**, and the grayscale version is **30.3306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0754, 0.4072, 0.3932**, and **12.6719, 0.4648, 0.4245** is the 20% darker color. If you saturate the color by 10%, you get **27.9933, 0.4559, 0.4160**, and if you desaturate by 10%, it is **33.8003, 0.4049, 0.3937**.

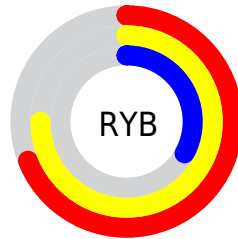
Distribution



Red (75%)

Green (55%)

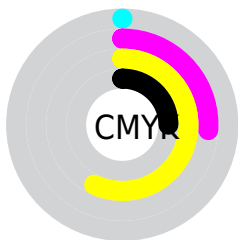
Blue (33%)



Red (69%)

Yellow (75%)

Blue (33%)

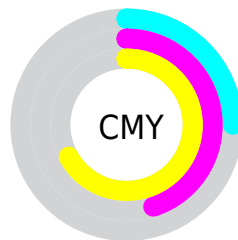


Cyan (0%)

Magenta (26%)

Yellow (57%)

Black (25%)



Cyan (25%)


Magenta (45%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7507, 0.4301, 0.4061 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 30.7507, 0.4301, 0.4061 by changing the saturation by 10% instead.


 30.7507, 0.4301,
0.4061


 30.7507, 0.4301,
0.4061


305.3882, 0.3684,
0.3684

 20.4091, 0.4457,
0.4144


 60.8474, 0.4073,
0.3930


 12.6928, 0.4654,
0.4238


 81.3712, 0.3989,
0.3879

 7.2173, 0.4905,
0.4338


 106.0579, 0.3917,
0.3835

 3.5984, 0.5396,
0.4569

 135.2918, 0.3857,
0.3797

 1.4515, 0.5596,
0.4404

 169.4575, 0.3804,
0.3763

 0.2542, 0.6816,
0.3184

208.9391, 0.3759,

 0.0000, 0.0000,

0.3734

0.0000

254.1212, 0.3719,
0.3707

■ 30.7507, 0.4301,
0.4061

■ 30.7507, 0.4301,
0.4061

■ 27.9933, 0.4559,
0.4160

■ 33.8003, 0.4049,
0.3937

■ 25.5120, 0.4810,
0.4221

■ 37.1484, 0.3813,
0.3799

■ 23.2953, 0.5041,
0.4233

■ 40.8064, 0.3596,
0.3655

■ 21.3273, 0.5237,
0.4193

■ 44.7838, 0.3402,
0.3513

■ 20.6957, 0.5301,
0.4173

■ 49.0896, 0.3229,
0.3376

■ 53.7323, 0.3077,
0.3246

■ 58.7199, 0.2943,
0.3126

■ 64.0604, 0.2826,
0.3014

■ 69.7613, 0.2724,
0.2912

Harmonies

Analogous

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



30.7507, 0.4396, 0.3589



30.7507, 0.4301, 0.4061



30.7507, 0.3883, 0.4402

Triad

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



30.7507, 0.4301, 0.4061



30.7507, 0.2219, 0.3380



30.7507, 0.2863, 0.2396

Complementary

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



30.7507, 0.4301, 0.4061



22.3660, 0.2220, 0.2325

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.



30.7507, 0.2345, 0.2294



30.7507, 0.4301, 0.4061



30.7507, 0.2005, 0.2783

Square

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



30.7507, 0.4301, 0.4061



30.7507, 0.2678, 0.4033



30.7507, 0.2051, 0.2414



30.7507, 0.3514, 0.2683

Rectangle

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



30.7507, 0.4301, 0.4061



30.7507, 0.3495, 0.4466



30.7507, 0.2051, 0.2414



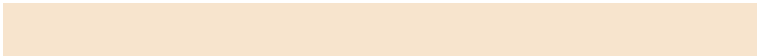
30.7507, 0.2669, 0.2339

Sweetspot

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



30.7522, 0.4301, 0.4061



79.6877, 0.3415, 0.3523



18.9650, 0.3990, 0.2624



17.1722, 0.3453, 0.3552



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.



30.7522, 0.4301, 0.4061



48.9741, 0.4624, 0.4179



48.4889, 0.3896, 0.4633



10.3624, 0.3275, 0.3413



13.7671, 0.5282, 0.4188



0.6689, 0.4954, 0.4448

Inverse Universe

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



22.3660, 0.2220, 0.2325



32.5139, 0.2040, 0.2064



11.9551, 0.2073, 0.1512



9.9334, 0.2984, 0.3164



7.2580, 0.1743, 0.1476



0.4152, 0.1871, 0.1936

Previews

White Background



This preview shows how the Yxy color 30.7507, 0.4301, 0.4061 looks on a white background.

Color Contrast Check

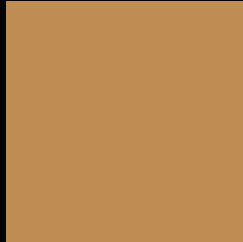
Large Text (above 18pt) WCAG AA × Fail

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 30.7507, 0.4301, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

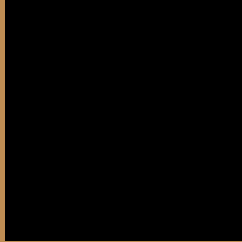
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7507, 0.4301, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 30.7507, 0.4301, 0.4061.



This preview shows how white text looks on a background with the Yxy color 30.7507, 0.4301, 0.4061.

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

30.7507, 0.4301, 0.4061

Protanopia

30.9283, 0.3910, 0.4241

Deuteranopia

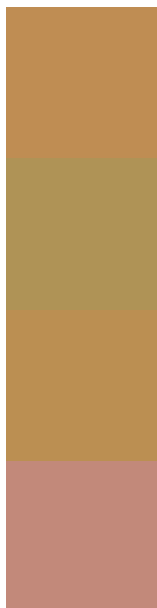
30.8700, 0.4220, 0.4135



Tritanopia

30.7996, 0.3724, 0.3158

Trichromacy



Original Color

30.7507, 0.4301, 0.4061

Protanomaly

30.6533, 0.4048, 0.4165

Deuteranomaly

30.8189, 0.4250, 0.4114

Tritanomaly

30.7658, 0.3944, 0.3496

Monochromacy



Original Color

30.7507, 0.4301, 0.4061

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.9310, 0.3535, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7507, 0.4301, 0.4061 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(191, 141, 83)` looks like.

```
.text, #text, p{  
    color:rgb(191, 141, 83)  
}
```

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(191, 141, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 141, 83) }
```

Border

The CSS property to change the border of an element to Yxy 30.7507, 0.4301, 0.4061 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(191, 141, 83) }
```

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

```
.border{ border-color:rgb(191, 141, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 141, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 141, 83); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 141, 83); box-shadow:4px 4px 4px 4px rgb(191, 141, 83) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7507, 0.4301, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 141, 83) }
```

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

```
.background{ background-color: rgb(191,  
141, 83) }
```

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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