

Converting Colors

$Y_{xy}(30.7690, 0.4184, 0.4191)$

Have a look what the booklet for
Yxy(30.7690, 0.4184, 0.4191)
contains.

Yxy(30.6537, 0.4186, 0.4189)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.6537, 0.4186, 0.4189)

Conversions

Conversions Part 1

Format	Color
Hex	B59150
RGB	181, 145, 80
RGB Percent	71%, 57%, 31%
CMY	0.2901, 0.4314, 0.6863
CMYK	0.00, 0.20, 0.56, 0.29
HSL	39°, 41%, 51%
HSV	39°, 56%, 71%
XYZ	30.6317, 30.6537, 11.8912
YIQ	148.3540, 42.3210, -12.5830

Conversions

Conversions Part 2

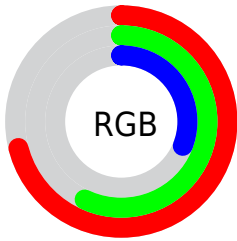
Format	Color
RYB	136, 181, 80
Decimal	11899216
CIELab	62.21, 5.68, 39.25
CIELCh	62, 39.662, 81.773
Yxy	30.6537, 0.4186, 0.4189
Android (android.graphics.Color)	4290089296 (0xFFB59150)
YUV	148.3540, -33.6985, 28.6305
Hunter-Lab	55.3658, 1.8670, 26.0220

Details

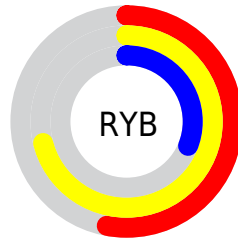
The Yxy color **30.6537, 0.4186, 0.4189** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.5361, 0.2193, 0.2149**, and the grayscale version is **29.9013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8363, 0.3981, 0.4029**, and **12.6487, 0.4480, 0.4424** is the 20% darker color. If you saturate the color by 10%, you get **28.5060, 0.4401, 0.4312**, and if you desaturate by 10%, it is **32.9884, 0.3970, 0.4041**.

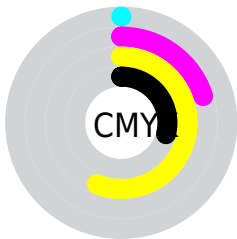
Distribution



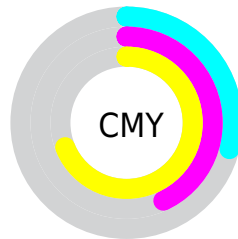
- Red (71%)
- Green (57%)
- Blue (31%)



- Red (53%)
- Yellow (71%)
- Blue (31%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (29%)





- Cyan (29%)
- Magenta (43%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6537, 0.4186, 0.4189 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 30.6537, 0.4186, 0.4189 by changing the saturation by 10% instead.


 30.6537, 0.4186,
0.4189


 30.6537, 0.4186,
0.4189

304.9397, 0.3635,
0.3736


 20.3353, 0.4323,
0.4294


 60.6944, 0.3984,
0.4028


 12.6390, 0.4493,
0.4420

 81.1856, 0.3909,
0.3966


 7.1804, 0.4704,
0.4565


 105.8364, 0.3845,
0.3913

 3.5752, 0.5127,
0.4873

 135.0313, 0.3790,
0.3867

 1.4389, 0.5215,
0.4785

 169.1547, 0.3743,
0.3828

 0.2451, 0.6025,
0.3975

208.5910, 0.3702,

 0.0000, 0.0000,

0.3793

0.0000

253.7245, 0.3666,
0.3763

■ 30.6537, 0.4186,
0.4189

■ 30.6537, 0.4186,
0.4189

■ 28.5060, 0.4401,
0.4312

■ 32.9884, 0.3970,
0.4041

■ 26.5333, 0.4604,
0.4398

■ 35.5129, 0.3760,
0.3878

■ 24.7281, 0.4785,
0.4439

■ 38.2351, 0.3563,
0.3710

■ 23.0798, 0.4935,
0.4428

■ 41.1612, 0.3381,
0.3542

■ 22.4266, 0.4994,
0.4417

■ 44.2969, 0.3216,
0.3380

■ 47.6477, 0.3067,
0.3227

■ 51.2187, 0.2934,
0.3083

■ 55.0151, 0.2816,
0.2950

■ 59.0416, 0.2711,
0.2828

Harmonies

Analogous

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



30.6537, 0.4398, 0.3747



30.6537, 0.4186, 0.4189



30.6537, 0.3696, 0.4445

Triad

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



30.6537, 0.4186, 0.4189



30.6537, 0.2128, 0.3167



30.6537, 0.3069, 0.2477

Complementary

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



30.6537, 0.4186, 0.4189



17.5361, 0.2193, 0.2149

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.



30.6537, 0.2497, 0.2311



30.6537, 0.4186, 0.4189



30.6537, 0.2000, 0.2639

Square

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



30.6537, 0.4186, 0.4189



30.6537, 0.2509, 0.3827



30.6537, 0.2127, 0.2355



30.6537, 0.3721, 0.2813

Rectangle

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



30.6537, 0.4186, 0.4189



30.6537, 0.3289, 0.4421



30.6537, 0.2127, 0.2355



30.6537, 0.2861, 0.2400

Sweetspot

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



30.6552, 0.4186, 0.4189



72.9082, 0.3407, 0.3567



16.8479, 0.4138, 0.2773



15.5316, 0.3442, 0.3599



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.6552, 0.4186, 0.4189



50.2002, 0.4449, 0.4335



41.9074, 0.3788, 0.4666



9.3867, 0.3272, 0.3436



15.5924, 0.4982, 0.4427



0.5959, 0.4711, 0.4642

Inverse Universe

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



17.5361, 0.2193, 0.2149



24.4709, 0.1998, 0.1846



11.4256, 0.2182, 0.1580



8.7095, 0.2985, 0.3139



4.9896, 0.1657, 0.1166



0.2697, 0.1822, 0.1757

Previews

White Background



This preview shows how the Yxy color 30.6537, 0.4186, 0.4189 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 30.6537, 0.4186, 0.4189 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 30.6537, 0.4186, 0.4189

Background



This preview shows how black text looks on a background with the Yxy color 30.6537, 0.4186, 0.4189.



This preview shows how white text looks on a background with the Yxy color 30.6537, 0.4186, 0.4189.

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

30.6537, 0.4186, 0.4189

Protanopia

30.8494, 0.3954, 0.4308

Deuteranopia

30.7161, 0.4227, 0.4163



Tritanopia

30.5942, 0.3569, 0.3139

Trichromacy



Original Color

30.6537, 0.4186, 0.4189

Protanomaly

30.7469, 0.4034, 0.4273

Deuteranomaly

30.5930, 0.4216, 0.4168

Tritanomaly

30.5005, 0.3817, 0.3532

Monochromacy



Original Color

30.6537, 0.4186, 0.4189

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.7711, 0.3508, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6537, 0.4186, 0.4189 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(181, 145, 80)` looks like.

```
.text, #text, p{  
    color:rgb(181, 145, 80)  
}
```

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(181, 145, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 145, 80) }
```

Border

The CSS property to change the border of an element to Yxy 30.6537, 0.4186, 0.4189 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(181, 145, 80) }
```

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

```
.border{ border-color:rgb(181, 145, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 145, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 145, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 145, 80);  
box-shadow:4px 4px 4px 4px rgb(181, 145,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6537, 0.4186, 0.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 145, 80) }
```

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

```
.background{ background-color: rgb(181,  
145, 80) }
```

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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