

Converting Colors

Yxy(31.5605, 0.4963, 0.4145)

Have a look what the booklet for
Yxy(31.5605, 0.4963, 0.4145)
contains.

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Color

Yxy(31.4979, 0.4972, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	DB832F
RGB	219, 131, 47
RGB Percent	86%, 51%, 18%
CMY	0.1411, 0.4863, 0.8157
CMYK	0.00, 0.40, 0.79, 0.14
HSL	29°, 71%, 52%
HSV	29°, 79%, 86%
XYZ	37.8462, 31.4979, 6.7746
YIQ	147.7360, 79.4120, -7.4680

Conversions

Conversions Part 2

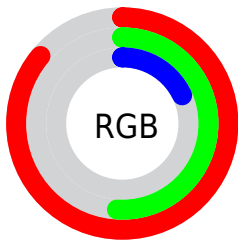
Format	Color
R_{YB}	219, 211, 47
Decimal	14385967
CIE _{Lab}	62.93, 27.65, 56.83
CIE _{LCh}	63, 63.197, 64.056
Yxy	31.4979, 0.4972, 0.4138
Android (android.graphics.Color)	4292576047 (0xFFDB832F)
YUV	147.7360, -49.6628, 62.4985
Hunter-Lab	56.1230, 22.1552, 32.1292

Details

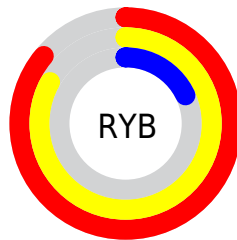
The Yxy color **31.4979, 0.4972, 0.4138** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **23.0537, 0.1951, 0.1988**, and the grayscale version is **29.6856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4418, 0.4439, 0.4133**, and **13.1540, 0.5353, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **28.5156, 0.5220, 0.4125**, and if you desaturate by 10%, it is **34.8977, 0.4698, 0.4099**.

Distribution



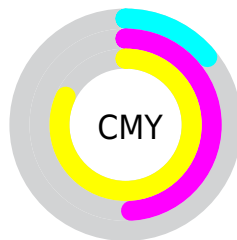
- Red (86%)
- Green (51%)
- Blue (18%)



- Red (86%)
- Yellow (83%)
- Blue (18%)



- Cyan (0%)
- Magenta (40%)
- Yellow (79%)
- Black (14%)




- Cyan (14%)
- Magenta (49%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4979, 0.4972, 0.4138 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 31.4979, 0.4972, 0.4138 by changing the saturation by 10% instead.


 31.4979, 0.4972,
0.4138


 31.4979, 0.4972,
0.4138


308.8256, 0.4040,
0.3801


 20.9783, 0.5181,
0.4174


 62.0231, 0.4645,
0.4048

 13.1081, 0.5424,
0.4186


 82.7975, 0.4518,
0.4004


 7.5030, 0.5790,
0.4210

 107.7589, 0.4409,
0.3962

 3.7786, 0.6003,
0.3997

 137.2918, 0.4314,
0.3924

 1.5505, 0.6341,
0.3659

 171.7805, 0.4232,
0.3889

 0.3239, 0.7536,
0.2464

 211.6095, 0.4160,

 0.0000, 0.0000,

0.3857

0.0000

257.1630, 0.4097,
0.3828

■ 31.4979, 0.4972,
0.4138

■ 31.4979, 0.4972,
0.4138

■ 28.5156, 0.5220,
0.4125

■ 34.8977, 0.4698,
0.4099

■ 25.9180, 0.5429,
0.4059

■ 38.7317, 0.4416,
0.4019

■ 25.5663, 0.5458,
0.4048

■ 43.0208, 0.4142,
0.3910

■ 47.7828, 0.3885,
0.3785

■ 53.0343, 0.3653,
0.3653

■ 58.7908, 0.3446,
0.3521

■ 65.0673, 0.3264,
0.3393

■ 71.8776, 0.3105,
0.3273

■ 79.2354, 0.2967,
0.3161

Harmonies

Analogous

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



31.4979, 0.5033, 0.3447



31.4979, 0.4972, 0.4138



31.4979, 0.4388, 0.4803

Triad

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



31.4979, 0.4972, 0.4138



31.4979, 0.1894, 0.3685



31.4979, 0.2474, 0.1934

Complementary

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



31.4979, 0.4972, 0.4138



23.0537, 0.1951, 0.1988

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.



31.4979, 0.1831, 0.1852



31.4979, 0.4972, 0.4138



31.4979, 0.1534, 0.2664

Square

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



31.4979, 0.4972, 0.4138



31.4979, 0.2615, 0.4762



31.4979, 0.1523, 0.2067



31.4979, 0.3428, 0.2269

Rectangle

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



31.4979, 0.4972, 0.4138



31.4979, 0.3832, 0.5106



31.4979, 0.1523, 0.2067



31.4979, 0.2221, 0.1877

Sweetspot

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



31.4995, 0.4972, 0.4138



78.2877, 0.3560, 0.3595



18.8698, 0.4411, 0.2401



16.1456, 0.3637, 0.3643



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



31.4995, 0.4972, 0.4138



37.8919, 0.5355, 0.4088



64.4549, 0.4145, 0.4918



14.0960, 0.3279, 0.3404



15.3753, 0.5434, 0.4067



1.1683, 0.5179, 0.4270

Inverse Universe

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



23.0537, 0.1951, 0.1988



25.4878, 0.1811, 0.1689



7.9900, 0.1661, 0.0879



13.7134, 0.2982, 0.3173



10.1323, 0.1785, 0.1625



0.8288, 0.1865, 0.1915

Previews

White Background



This preview shows how the Yxy color 31.4979, 0.4972, 0.4138 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 31.4979, 0.4972, 0.4138 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 31.4979, 0.4972, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 31.4979, 0.4972, 0.4138.



This preview shows how white text looks on a background with the Yxy color 31.4979, 0.4972, 0.4138.

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

31.4979, 0.4972, 0.4138

Protanopia

31.6974, 0.4209, 0.4628

Deuteranopia

31.6244, 0.4579, 0.4486



Tritanopia

31.5198, 0.4214, 0.3187

Trichromacy



Original Color

31.4979, 0.4972, 0.4138

Protanomaly

31.1812, 0.4486, 0.4446

Deuteranomaly

31.4946, 0.4726, 0.4353

Tritanomaly

31.3909, 0.4559, 0.3584

Monochromacy



Original Color

31.4979, 0.4972, 0.4138

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.4924, 0.3815, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4979, 0.4972, 0.4138 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(219, 131, 47)` looks like.

```
.text, #text, p{  
    color:rgb(219, 131, 47)  
}
```

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(219, 131, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 131, 47) }
```

Border

The CSS property to change the border of an element to Yxy 31.4979, 0.4972, 0.4138 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(219, 131, 47) }
```

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

```
.border{ border-color:rgb(219, 131, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 131, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 131, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 131, 47);  
box-shadow:4px 4px 4px 4px rgb(219, 131,  
47) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.4979, 0.4972, 0.4138$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 131, 47) }
```

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

```
.background{ background-color: rgb(219,  
131, 47) }
```

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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