

Converting Colors

$Y_{xy}(31.0660, 0.4520, 0.3732)$

Have a look what the booklet for
Yxy(31.0660, 0.4520, 0.3732)
contains.

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Color

Yxy(31.0696, 0.4524, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	D6825E
RGB	214, 130, 94
RGB Percent	84%, 51%, 37%
CMY	0.1608, 0.4902, 0.6313
CMYK	0.00, 0.39, 0.56, 0.16
HSL	18°, 59%, 60%
HSV	18°, 56%, 84%
XYZ	37.7339, 31.0696, 14.6048
YIQ	151.0120, 61.6200, 6.6120

Conversions

Conversions Part 2

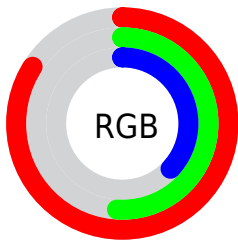
Format	Color
RYB	214, 145, 94
Decimal	14058078
CIELab	62.57, 28.83, 33.08
CIELCh	63, 43.882, 48.925
Yxy	31.0696, 0.4524, 0.3725
Android (android.graphics.Color)	4292248158 (0xFFD6825E)
YUV	151.0120, -28.1069, 55.2405
Hunter-Lab	55.7401, 23.2925, 23.4832

Details

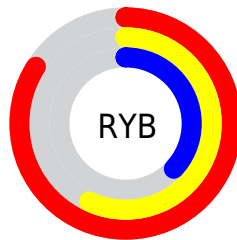
The Yxy color **31.0696, 0.4524, 0.3725** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **39.0821, 0.2314, 0.2768**, and the grayscale version is **31.0577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5853, 0.4080, 0.3700**, and **12.9111, 0.4956, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **27.0388, 0.4889, 0.3771**, and if you desaturate by 10%, it is **35.7903, 0.4187, 0.3657**.

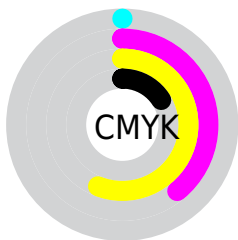
Distribution



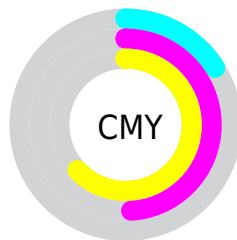
- Red (84%)
- Green (51%)
- Blue (37%)



- Red (84%)
- Yellow (57%)
- Blue (37%)



- Cyan (0%)
- Magenta (39%)
- Yellow (56%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0696, 0.4524, 0.3725 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 31.0696, 0.4524, 0.3725 by changing the saturation by 10% instead.


 31.0696, 0.4524,
0.3725


 31.0696, 0.4524,
0.3725


306.8588, 0.3780,
0.3539


 20.6519, 0.4718,
0.3755


 61.3496, 0.4246,
0.3668

 12.8698, 0.4969,
0.3780


 81.9807, 0.4143,
0.3643

 7.3389, 0.5301,
0.3787


 106.7850, 0.4058,
0.3621

 3.6750, 0.5803,
0.3778

 136.1469, 0.3985,
0.3601

 1.4934, 0.6412,
0.3588

170.4509, 0.3923,
0.3583

 0.2841, 0.7754,
0.2246

210.0813, 0.3869,

 0.0000, 0.0000,

0.3567

0.0000

255.4225, 0.3822,
0.3552

■ 31.0696, 0.4524,
0.3725

■ 31.0696, 0.4524,
0.3725

■ 27.0388, 0.4889,
0.3771

■ 35.7903, 0.4187,
0.3657

■ 23.6592, 0.5259,
0.3783

■ 41.2278, 0.3888,
0.3578

■ 20.8950, 0.5603,
0.3750

■ 47.4128, 0.3630,
0.3495

■ 18.7042, 0.5883,
0.3671

■ 54.3732, 0.3410,
0.3413

■ 17.9819, 0.5978,
0.3635

■ 62.1351, 0.3225,
0.3335

70.7236, 0.3069,
0.3262

80.1624, 0.2938,
0.3195

89.7982, 0.2881,
0.3237

93.0349, 0.2883,
0.3289

Harmonies

Analogous

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



31.0696, 0.4303, 0.3200



31.0696, 0.4524, 0.3725



31.0696, 0.4320, 0.4222

Triad

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



31.0696, 0.4524, 0.3725



31.0696, 0.2498, 0.3953



31.0696, 0.2388, 0.2221

Complementary

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



31.0696, 0.4524, 0.3725



39.0821, 0.2314, 0.2768

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.



31.0696, 0.2015, 0.2286



31.0696, 0.4524, 0.3725



31.0696, 0.2064, 0.3214

Square

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



31.0696, 0.4524, 0.3725



31.0696, 0.3132, 0.4486



31.0696, 0.1903, 0.2614



31.0696, 0.2993, 0.2381

Rectangle

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



31.0696, 0.4524, 0.3725



31.0696, 0.3998, 0.4471



31.0696, 0.1903, 0.2614



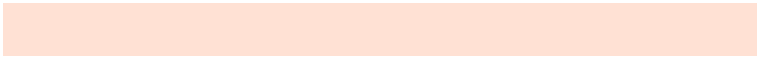
31.0696, 0.2235, 0.2216

Sweetspot

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



31.0712, 0.4524, 0.3725



79.6579, 0.3433, 0.3422



25.6011, 0.3582, 0.2294



16.5858, 0.3475, 0.3438



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.



31.0712, 0.4524, 0.3725



39.3396, 0.4949, 0.3775



51.0701, 0.4089, 0.4375



13.0219, 0.3284, 0.3361



11.0298, 0.5952, 0.3656



0.8091, 0.5608, 0.3929

Inverse Universe

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



39.0821, 0.2314, 0.2768



52.1832, 0.2186, 0.2638



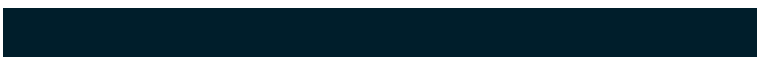
20.6742, 0.2124, 0.1871



13.4497, 0.2982, 0.3218



16.2737, 0.1969, 0.2288



1.1233, 0.2023, 0.2481

Previews

White Background



This preview shows how the Yxy color 31.0696, 0.4524, 0.3725 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 31.0696, 0.4524, 0.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

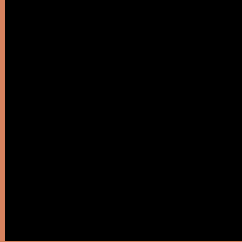
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0696, 0.4524, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 31.0696, 0.4524, 0.3725.



This preview shows how white text looks on a background with the Yxy color 31.0696, 0.4524, 0.3725.

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

31.0696, 0.4524, 0.3725

Protanopia

31.3283, 0.3732, 0.4034

Deuteranopia

31.1965, 0.4116, 0.4040



Tritanopia

31.1402, 0.4114, 0.3183

Trichromacy



Original Color

31.0696, 0.4524, 0.3725

Protanomaly

30.8117, 0.4010, 0.3914

Deuteranomaly

31.1310, 0.4264, 0.3926

Tritanomaly

31.1096, 0.4277, 0.3391

Monochromacy



Original Color

31.0696, 0.4524, 0.3725

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2553, 0.3604, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0696, 0.4524, 0.3725 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(214, 130, 94)` looks like.

```
.text, #text, p{  
    color:rgb(214, 130, 94)  
}
```

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(214, 130, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 130, 94) }
```

Border

The CSS property to change the border of an element to Yxy 31.0696, 0.4524, 0.3725 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(214, 130, 94) }
```

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

```
.border{ border-color:rgb(214, 130, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 130, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 130, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 130, 94);  
box-shadow:4px 4px 4px 4px rgb(214, 130,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0696, 0.4524, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 130, 94) }
```

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

```
.background{ background-color: rgb(214,  
130, 94) }
```

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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