

Converting Colors

$Yxy(30.8981, 0.3207, 0.4117)$

Have a look what the booklet for
Yxy(30.8981, 0.3207, 0.4117)
contains.

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Color

Yxy(31.0196, 0.3209, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	7DA170
RGB	125, 161, 112
RGB Percent	49%, 63%, 44%
CMY	0.5097, 0.3686, 0.5607
CMYK	0.22, 0.00, 0.30, 0.37
HSL	104°, 21%, 54%
HSV	104°, 30%, 63%
XYZ	24.1314, 31.0196, 20.0481
YIQ	144.6500, -5.7270, -22.8710

Conversions

Conversions Part 2

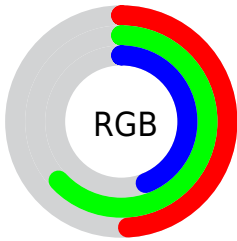
Format	Color
RYB	112, 161, 148
Decimal	8233328
CIELab	62.52, -21.86, 21.61
CIELCh	63, 30.737, 135.336
Yxy	31.0196, 0.3209, 0.4125
Android (android.graphics.Color)	4286423408 (0xFF7DA170)
YUV	144.6500, -16.0965, -17.2331
Hunter-Lab	55.6952, -20.1270, 17.6446

Details

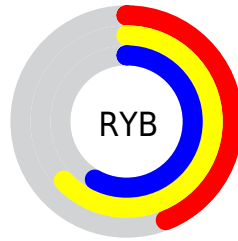
The Yxy color **31.0196, 0.3209, 0.4125** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.4575, 0.3007, 0.2517**, and the grayscale version is **28.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2570, 0.3197, 0.3947**, and **12.8033, 0.3213, 0.4425** is the 20% darker color. If you saturate the color by 10%, you get **29.8562, 0.3227, 0.4442**, and if you desaturate by 10%, it is **32.3557, 0.3185, 0.3825**.

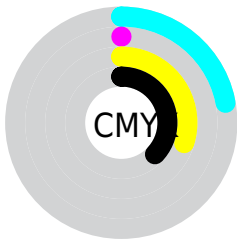
Distribution



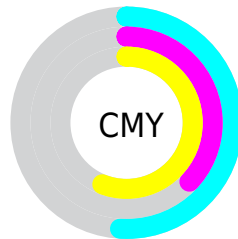
- Red (49%)
- Green (63%)
- Blue (44%)



- Red (44%)
- Yellow (63%)
- Blue (58%)



- Cyan (22%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)





- Cyan (51%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0196, 0.3209, 0.4125 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 31.0196, 0.3209, 0.4125 by changing the saturation by 10% instead.


 31.0196, 0.3209,
0.4125


 31.0196, 0.3209,
0.4125


306.6286, 0.3176,
0.3662


 20.6138, 0.3213,
0.4258


 61.2709, 0.3200,
0.3945


 12.8420, 0.3215,
0.4439


 81.8852, 0.3195,
0.3881

 7.3198, 0.3209,
0.4702


 106.6711, 0.3191,
0.3828

 3.6629, 0.3180,
0.5110

 136.0130, 0.3187,
0.3784

 1.4868, 0.3453,
0.6547

170.2953, 0.3184,
0.3747

 0.2794, 0.0000,
1.0000

209.9024, 0.3181,

 0.0000, 0.0000,

0.3714

0.0000

255.2187, 0.3178,
0.3686

■ 31.0196, 0.3209,
0.4125

■ 31.0196, 0.3209,
0.4125

■ 29.8562, 0.3227,
0.4442

■ 32.3557, 0.3185,
0.3825

■ 28.8543, 0.3237,
0.4766

■ 33.8671, 0.3158,
0.3549

■ 28.0076, 0.3236,
0.5081


■ 35.5616, 0.3128,
0.3300


■ 27.3079, 0.3223,
0.5369

■ 37.4450, 0.3099,
0.3077


■ 26.7460, 0.3197,
0.5610

■ 39.5231, 0.3069,
0.2880

 26.3114, 0.3159,
0.5788

 41.8013, 0.3041,
0.2707

 25.9975, 0.3119,
0.5905

 44.2849, 0.3014,
0.2555

 46.9789, 0.2988,
0.2421

 49.7647, 0.2978,
0.2320

Harmonies

Analogous

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



31.0196, 0.3678, 0.4162



31.0196, 0.3209, 0.4125



31.0196, 0.2740, 0.3798

Triad

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



31.0196, 0.3209, 0.4125



31.0196, 0.2295, 0.2589



31.0196, 0.3910, 0.3198

Complementary

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



31.0196, 0.3209, 0.4125



20.4575, 0.3007, 0.2517

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.



31.0196, 0.3485, 0.2848



31.0196, 0.3209, 0.4125



31.0196, 0.2556, 0.2505

Square

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



31.0196, 0.3209, 0.4125



31.0196, 0.2237, 0.2869



31.0196, 0.2983, 0.2601



31.0196, 0.4107, 0.3589

Rectangle

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



31.0196, 0.3209, 0.4125



31.0196, 0.2488, 0.3479



31.0196, 0.2983, 0.2601



31.0196, 0.3787, 0.3074

Sweetspot

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



31.0209, 0.3209, 0.4125



61.0201, 0.3154, 0.3517



29.9056, 0.3628, 0.3848



13.2955, 0.3158, 0.3553



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



31.0209, 0.3209, 0.4125



54.0134, 0.3223, 0.4354



30.3748, 0.2993, 0.3948



7.9819, 0.3154, 0.3519



20.7824, 0.3124, 0.5901



0.4584, 0.3392, 0.5689

Inverse Universe

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



20.4575, 0.3007, 0.2517



31.7973, 0.2969, 0.2325



21.3558, 0.3297, 0.2712



7.1070, 0.3097, 0.3066



5.1626, 0.2557, 0.1182



0.1295, 0.2807, 0.1320

Previews

White Background



This preview shows how the Yxy color 31.0196, 0.3209, 0.4125 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 31.0196, 0.3209, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

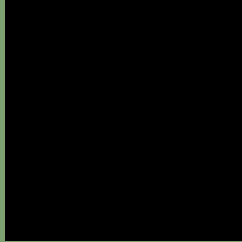
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0196, 0.3209, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 31.0196, 0.3209, 0.4125.



This preview shows how white text looks on a background with the Yxy color 31.0196, 0.3209, 0.4125.

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

31.0196, 0.3209, 0.4125

Protanopia

30.8973, 0.3666, 0.3951

Deuteranopia

30.8589, 0.3780, 0.3714



Tritanopia

30.9327, 0.2834, 0.3101

Trichromacy



Original Color

31.0196, 0.3209, 0.4125

Protanomaly

30.9364, 0.3498, 0.4026

Deuteranomaly

30.6401, 0.3553, 0.3852

Tritanomaly

31.0146, 0.2976, 0.3469

Monochromacy



Original Color

31.0196, 0.3209, 0.4125

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.2299, 0.3164, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0196, 0.3209, 0.4125 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(125, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(125, 161, 112)  
}
```

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(125, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 161, 112) }
```

Border

The CSS property to change the border of an element to Yxy 31.0196, 0.3209, 0.4125 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(125, 161, 112) }
```

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

```
.border{ border-color:rgb(125, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(125, 161,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0196, 0.3209, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 161, 112) }
```

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

```
.background{ background-color: rgb(125,  
161, 112) }
```

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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