

Converting Colors

$Yxy(31.4041, 0.2971, 0.3869)$

Have a look what the booklet for
Yxy(31.4041, 0.2971, 0.3869)
contains.

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Color

Yxy(31.4242, 0.2975, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	73A381
RGB	115, 163, 129
RGB Percent	45%, 64%, 51%
CMY	0.5489, 0.3608, 0.4941
CMYK	0.29, 0.00, 0.21, 0.36
HSL	137°, 21%, 55%
HSV	137°, 29%, 64%
XYZ	24.1319, 31.4242, 25.5595
YIQ	144.7720, -17.6940, -20.7500

Conversions

Conversions Part 2

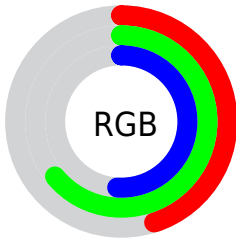
Format	Color
RYB	115, 152, 163
Decimal	7578497
CIELab	62.86, -23.32, 12.60
CIElCh	63, 26.509, 151.626
Yxy	31.4242, 0.2975, 0.3874
Android (android.graphics.Color)	4285768577 (0xFF73A381)
YUV	144.7720, -7.7756, -26.1100
Hunter-Lab	56.0573, -21.2584, 12.2066

Details

The Yxy color **31.4242, 0.2975, 0.3874** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.2249, 0.3324, 0.2770**, and the grayscale version is **28.2579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8450, 0.3008, 0.3746**, and **13.0719, 0.2910, 0.4084** is the 20% darker color. If you saturate the color by 10%, you get **30.1261, 0.2929, 0.4114**, and if you desaturate by 10%, it is **32.9551, 0.3025, 0.3654**.

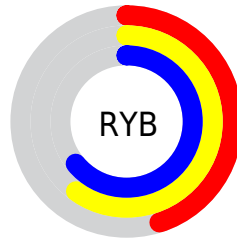
Distribution



Red (45%)

Green (64%)

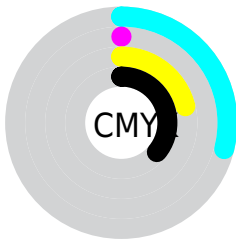
Blue (51%)



Red (45%)

Yellow (60%)

Blue (64%)

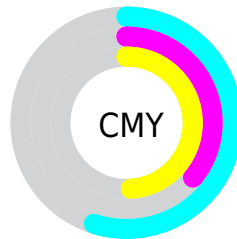


Cyan (29%)

Magenta (0%)

Yellow (21%)

Black (36%)



Cyan (55%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4242, 0.2975, 0.3874 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 31.4242, 0.2975, 0.3874 by changing the saturation by 10% instead.


 31.4242, 0.2975,
0.3874


 31.4242, 0.2975,
0.3874


308.4879, 0.3062,
0.3552


 20.9221, 0.2949,
0.3966


 61.9073, 0.3009,
0.3749

 13.0671, 0.2913,
0.4093


 82.6571, 0.3021,
0.3704

 7.4747, 0.2859,
0.4277


 107.5916, 0.3031,
0.3668

 3.7607, 0.2769,
0.4568

137.0951, 0.3039,
0.3637

 1.5406, 0.2619,
0.5144

171.5521, 0.3046,
0.3611

 0.3171, 0.0000,
1.0000

211.3470, 0.3052,

 0.0000, 0.0000,

0.3588

0.0000

256.8641, 0.3057,
0.3569

■ 31.4242, 0.2975,
0.3874

■ 31.4242, 0.2975,
0.3874

■ 30.1261, 0.2929,
0.4114

■ 32.9551, 0.3025,
0.3654

■ 29.0453, 0.2891,
0.4371

■ 34.7255, 0.3077,
0.3456

■ 28.1708, 0.2862,
0.4637

■ 36.7467, 0.3130,
0.3281

■ 27.4889, 0.2847,
0.4904

■ 39.0280, 0.3182,
0.3126

■ 26.9840, 0.2847,
0.5160

■ 41.5783, 0.3232,
0.2990

■ 26.6381, 0.2862,
0.5392

■ 44.4062, 0.3280,
0.2872

■ 26.4144, 0.2888,
0.5591

■ 47.5197, 0.3325,
0.2769

■ 26.4030, 0.2889,
0.5601

■ 50.9266, 0.3367,
0.2679

■ 53.3363, 0.3350,
0.2588

Harmonies

Analogous

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



31.4242, 0.3395, 0.4048



31.4242, 0.2975, 0.3874



31.4242, 0.2612, 0.3506

Triad

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



31.4242, 0.2975, 0.3874



31.4242, 0.2508, 0.2622



31.4242, 0.3920, 0.3401

Complementary

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



31.4242, 0.2975, 0.3874



22.2249, 0.3324, 0.2770

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.



31.4242, 0.3650, 0.3066



31.4242, 0.2975, 0.3874



31.4242, 0.2822, 0.2633

Square

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



31.4242, 0.2975, 0.3874



31.4242, 0.2358, 0.2778



31.4242, 0.3240, 0.2793



31.4242, 0.3957, 0.3732

Rectangle

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



31.4242, 0.2975, 0.3874



31.4242, 0.2447, 0.3227



31.4242, 0.3240, 0.2793



31.4242, 0.3853, 0.3286

Sweetspot

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



31.4255, 0.2975, 0.3874



62.2813, 0.3079, 0.3452



33.8604, 0.3421, 0.4042



13.8823, 0.3071, 0.3478



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.4255, 0.2975, 0.3874



54.7871, 0.2946, 0.4021



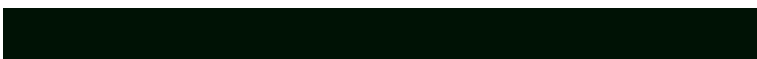
32.1276, 0.2789, 0.3461



7.9274, 0.3078, 0.3453



20.5274, 0.2885, 0.5585



0.4392, 0.2685, 0.4865

Inverse Universe

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



22.2249, 0.3324, 0.2770



35.7210, 0.3377, 0.2658



21.5454, 0.3624, 0.3127



7.1669, 0.3180, 0.3132



7.0315, 0.4092, 0.2028



0.1553, 0.3709, 0.1817

Previews

White Background



This preview shows how the Yxy color 31.4242, 0.2975, 0.3874 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 31.4242, 0.2975, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

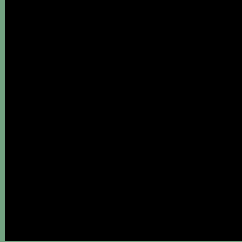
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4242, 0.2975, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 31.4242, 0.2975, 0.3874.



This preview shows how white text looks on a background with the Yxy color 31.4242, 0.2975, 0.3874.

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

31.4242, 0.2975, 0.3874

Protanopia

31.1403, 0.3506, 0.3721

Deuteranopia

31.1355, 0.3551, 0.3482



Tritanopia

31.2272, 0.2712, 0.3082

Trichromacy



Original Color

31.4242, 0.2975, 0.3874

Protanomaly

30.8527, 0.3295, 0.3776

Deuteranomaly

30.7978, 0.3318, 0.3605

Tritanomaly

31.1559, 0.2806, 0.3355

Monochromacy



Original Color

31.4242, 0.2975, 0.3874

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.3889, 0.3067, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4242, 0.2975, 0.3874 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(115, 163, 129)` looks like.

```
.text, #text, p{  
    color:rgb(115, 163, 129)  
}
```

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(115, 163, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 163, 129) }
```

Border

The CSS property to change the border of an element to Yxy 31.4242, 0.2975, 0.3874 is called "border". The border property can be set on classes, ids or directly on the HTML element.

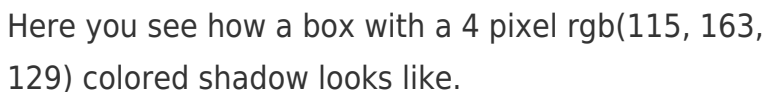
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 163, 129) }
```

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

```
.border{ border-color:rgb(115, 163, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 163, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 163, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 163, 129); box-shadow:4px 4px 4px 4px rgb(115, 163, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4242, 0.2975, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 163, 129) }
```

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

```
.background{ background-color: rgb(115,  
163, 129) }
```

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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