

Converting Colors

$Yxy(33.0257, 0.3872, 0.4335)$

Have a look what the booklet for
Yxy(33.0257, 0.3872, 0.4335)
contains.

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Color

Yxy(32.8928, 0.3879, 0.4331)

Conversions

Conversions Part 1

Format	Color
Hex	A69D56
RGB	166, 157, 86
RGB Percent	65%, 62%, 34%
CMY	0.3491, 0.3843, 0.6628
CMYK	0.00, 0.05, 0.48, 0.35
HSL	53°, 32%, 49%
HSV	53°, 48%, 65%
XYZ	29.4600, 32.8928, 13.5946
YIQ	151.5970, 28.1550, -20.1730

Conversions

Conversions Part 2

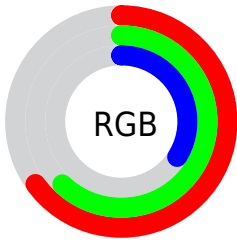
Format	Color
RYB	96, 166, 86
Decimal	10919254
CIELab	64.07, -6.77, 38.10
CIELCh	64, 38.694, 100.075
Yxy	32.8928, 0.3879, 0.4331
Android (android.graphics.Color)	4289109334 (0xFFA69D56)
YUV	151.5970, -32.3393, 12.6314
Hunter-Lab	57.3522, -8.6768, 26.0927

Details

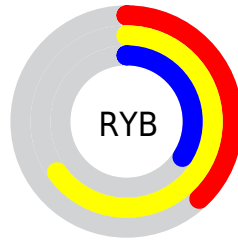
The Yxy color **32.8928, 0.3879, 0.4331** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.9062, 0.2261, 0.1971**, and the grayscale version is **31.3487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0826, 0.3750, 0.4127**, and **13.8864, 0.4078, 0.4653** is the 20% darker color. If you saturate the color by 10%, you get **32.0316, 0.4024, 0.4514**, and if you desaturate by 10%, it is **33.8288, 0.3723, 0.4126**.

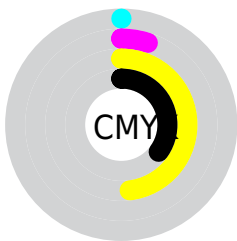
Distribution



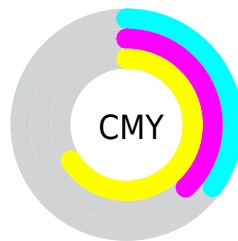
- Red (65%)
- Green (62%)
- Blue (34%)



- Red (38%)
- Yellow (65%)
- Blue (34%)



- Cyan (0%)
- Magenta (5%)
- Yellow (48%)
- Black (35%)





- Cyan (35%)
- Magenta (38%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8928, 0.3879, 0.4331 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 32.8928, 0.3879, 0.4331 by changing the saturation by 10% instead.


 32.8928, 0.3879,
0.4331


 32.8928, 0.3879,
0.4331


315.1664, 0.3499,
0.3786


 22.0443, 0.3969,
0.4469


 64.2081, 0.3743,
0.4130


 13.8895, 0.4077,
0.4645


 85.4438, 0.3691,
0.4055

 8.0438, 0.4206,
0.4869


 110.9106, 0.3647,
0.3992

 4.1230, 0.4435,
0.5261

 140.9930, 0.3609,
0.3938

 1.7426, 0.4473,
0.5527

 176.0754, 0.3576,
0.3892

 0.4510, 0.3687,
0.6313

216.5422, 0.3547,

 0.0000, 0.0000,

0.3852

0.0000

262.7777, 0.3522,
0.3817

■ 32.8928, 0.3879,
0.4331

■ 32.8928, 0.3879,
0.4331

■ 32.0316, 0.4024,
0.4514

■ 33.8288, 0.3723,
0.4126

■ 31.2362, 0.4153,
0.4666

■ 34.8390, 0.3562,
0.3908

■ 30.5031, 0.4259,
0.4779

■ 35.9286, 0.3403,
0.3685

■ 29.8267, 0.4338,
0.4850

■ 37.1010, 0.3248,
0.3465

■ 29.1966, 0.4394,
0.4881

■ 38.3593, 0.3102,
0.3253

■ 29.0856, 0.4403,
0.4886

■ 39.7067, 0.2965,
0.3051

■ 41.1458, 0.2838,
0.2863

■ 42.6794, 0.2723,
0.2689

■ 44.3101, 0.2618,
0.2529

Harmonies

Analogous

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



32.8928, 0.4257, 0.4002



32.8928, 0.3879, 0.4331



32.8928, 0.3320, 0.4373

Triad

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



32.8928, 0.3879, 0.4331



32.8928, 0.2065, 0.2843



32.8928, 0.3455, 0.2692

Complementary

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



32.8928, 0.3879, 0.4331



12.9062, 0.2261, 0.1971

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.



32.8928, 0.2842, 0.2426



32.8928, 0.3879, 0.4331



32.8928, 0.2092, 0.2474

Square

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



32.8928, 0.3879, 0.4331



32.8928, 0.2287, 0.3417



32.8928, 0.2360, 0.2342



32.8928, 0.4019, 0.3089

Rectangle

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



32.8928, 0.3879, 0.4331



32.8928, 0.2924, 0.4180



32.8928, 0.2360, 0.2342



32.8928, 0.3246, 0.2586

Sweetspot

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



32.8943, 0.3879, 0.4331



66.0378, 0.3341, 0.3598



15.5892, 0.4267, 0.3148



14.6802, 0.3374, 0.3644



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.8943, 0.3879, 0.4331



58.0121, 0.4036, 0.4529



33.1171, 0.3506, 0.4579



8.6279, 0.3265, 0.3489



22.6004, 0.4401, 0.4887



0.5892, 0.4324, 0.4949

Inverse Universe

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



12.9062, 0.2261, 0.1971



17.3551, 0.2046, 0.1623



13.1618, 0.2560, 0.1926



7.4311, 0.2986, 0.3083



2.5235, 0.1527, 0.0697



0.1016, 0.1631, 0.1072

Previews

White Background



This preview shows how the Yxy color 32.8928, 0.3879, 0.4331 looks on a white background.

Color Contrast Check

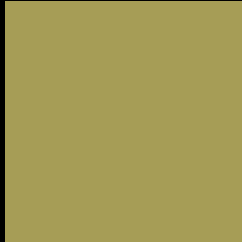
Large Text (above 18pt) WCAG AA × Fail

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 32.8928, 0.3879, 0.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

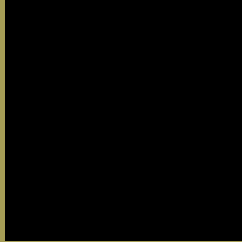
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8928, 0.3879, 0.4331

Background



This preview shows how black text looks on a background with the Yxy color 32.8928, 0.3879, 0.4331.



This preview shows how white text looks on a background with the Yxy color 32.8928, 0.3879, 0.4331.

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

32.8928, 0.3879, 0.4331

Protanopia

32.7565, 0.3955, 0.4297

Deuteranopia

32.7032, 0.4176, 0.4097



Tritanopia

33.0316, 0.3278, 0.3134

Trichromacy



Original Color

32.8928, 0.3879, 0.4331

Protanomaly

32.8678, 0.3927, 0.4318

Deuteranomaly

32.6451, 0.4076, 0.4178

Tritanomaly

32.8079, 0.3510, 0.3570

Monochromacy



Original Color

32.8928, 0.3879, 0.4331

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.8378, 0.3405, 0.3693

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8928, 0.3879, 0.4331 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(166, 157, 86)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 86)  
}
```

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(166, 157, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 86) }
```

Border

The CSS property to change the border of an element to Yxy 32.8928, 0.3879, 0.4331 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(166, 157, 86) }
```

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

```
.border{ border-color:rgb(166, 157, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 86);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8928, 0.3879, 0.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 86) }
```

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

```
.background{ background-color: rgb(166,  
157, 86) }
```

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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