Converting Colors

Yxy(30.6950, 0.3130, 0.3449)

Have a look what the booklet for Yxy(30.6950, 0.3130, 0.3449) contains.

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Color

Yxy(30.6949, 0.3130, 0.3449)

Conversions

Format	Color
	Conversions Part 1
Hex	90998F
RGB	144, 153, 143
RGB Percent	56%, 60%, 56%
CMY	0.4351, 0.4000, 0.4392
CMYK	0.06, 0.00, 0.07, 0.40
HSL	114°, 5%, 58%
HSV	114°, 7%, 60%
XYZ	27.8559, 30.6949, 30.4457
YIQ	149.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

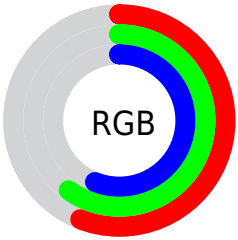
Format	Color
RYB	143, 153, 152
Decimal	9476495
CIELab	62.25, -5.16, 4.13
CIELCh	62, 6.609, 141.333
Yxy	30.6949, 0.3130, 0.3449
Android (android.graphics.Color)	4287666575 (0xFF90998F)
YUV	149.1690, -3.0413, -4.5332
Hunter-Lab	55.4030, -7.2077, 6.2003

Details

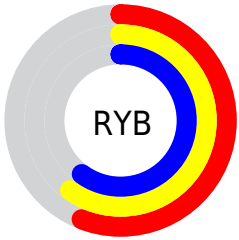
The Yxy color 30.6949, 0.3130, 0.3449 is a dark color, and the websafe version is hex 999999. A complement of this color would be 28.6187, 0.3124, 0.3135, and the grayscale version is 30.1465, 0.3127, 0.3290.

A 20% lighter version of the original color is 60.6626, 0.3129, 0.3409, and 12.6727, 0.3132, 0.3499 is the 20% darker color. If you saturate the color by 10%, you get 29.1019, 0.3133, 0.3718, and if you desaturate by 10%, it is 32.5040, 0.3125, 0.3211.

Distribution

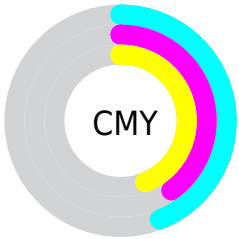


- Red (56%)
- Green (60%)
- Blue (56%)



- Red (56%)
- Yellow (60%)
- Blue (60%)

- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6949, 0.3130, 0.3449 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 30.6949, 0.3130, 0.3449 by changing the saturation by 10% instead.

30.6949, 0.3130, 0.3449

30.6949, 0.3130, 0.3449

305.1303, 0.3129, 0.3363

20.3666, 0.3130, 0.3473

60.7594, 0.3130, 0.3416

12.6618, 0.3130, 0.3505

81.2644, 0.3130, 0.3404

7.1961, 0.3130, 0.3551

105.9305, 0.3129, 0.3395

3.5850, 0.3129, 0.3622

135.1420, 0.3129, 0.3386

1.4443, 0.3127, 0.3746

169.2833, 0.3129, 0.3379

0.2490, 0.3078, 0.6922

208.7389, 0.3129,

0.0000, 0.0000,

0.3373

0.0000

253.8931, 0.3129, 0.3368

30.6949, 0.3130, 0.3449

30.6949, 0.3130, 0.3449

29.1019, 0.3133, 0.3718

32.5040, 0.3125, 0.3211

27.7131, 0.3134, 0.4017

34.5327, 0.3120, 0.3002

26.5214, 0.3131, 0.4341

36.7894, 0.3114, 0.2820

25.5179, 0.3125, 0.4680

39.2809, 0.3107, 0.2662

24.6929, 0.3114, 0.5018

42.0139, 0.3101, 0.2526

24.0359, 0.3099, 0.5335

44.9944, 0.3094, 0.2407

23.5351, 0.3079, 0.5606

48.2286, 0.3088, 0.2304

23.1775, 0.3056, 0.5810

51.0341, 0.3164, 0.2299

22.9463, 0.3034, 0.5940

51.2601, 0.3174, 0.2302

Harmonies

Analogous

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

30.6949, 0.3234, 0.3476

30.6949, 0.3130, 0.3449

30.6949, 0.3027, 0.3377

Triad

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

30.6949, 0.3130, 0.3449

30.6949, 0.2947, 0.3128

30.6949, 0.3306, 0.3295

Complementary

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

30.6949, 0.3130, 0.3449

28.6187, 0.3124, 0.3135

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.

30.6949, 0.3227, 0.3205

30.6949, 0.3130, 0.3449

30.6949, 0.3019, 0.3110

Square

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

30.6949, 0.3130, 0.3449

30.6949, 0.2922, 0.3190

30.6949, 0.3122, 0.3138

30.6949, 0.3337, 0.3385

Rectangle

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

30.6949, 0.3130, 0.3449

30.6949, 0.2972, 0.3314

30.6949, 0.3122, 0.3138

30.6949, 0.3284, 0.3264

Sweetspot

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

30.6962, 0.3130, 0.3449

56.3839, 0.3128, 0.3338

31.1557, 0.3222, 0.3427

12.4590, 0.3128, 0.3335

76.7769, 0.3127, 0.3290

12.5967, 0.3127, 0.3290

Same Dimension

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

30.6962, 0.3130, 0.3449

54.4875, 0.3131, 0.3491

30.7219, 0.3085, 0.3388

6.9546, 0.3131, 0.3519

18.9265, 0.3032, 0.5975

0.2900, 0.3177, 0.5860

Inverse Universe

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

28.6187, 0.3124, 0.3135

49.8861, 0.3123, 0.3096

28.5940, 0.3172, 0.3194

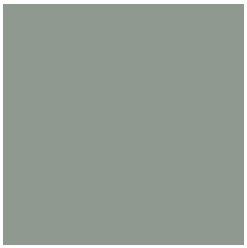
6.2913, 0.3122, 0.3070

6.3198, 0.2956, 0.1402

0.1026, 0.3077, 0.1469

Previews

White Background

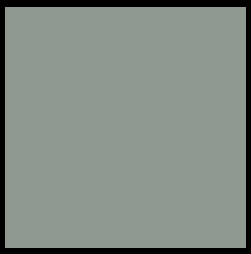


This preview shows how the Yxy color 30.6949, 0.3130, 0.3449 looks on a white background.

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



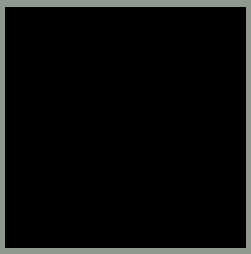
This preview shows how the Yxy color 30.6949, 0.3130, 0.3449 looks on a black background.

Color Contrast Check

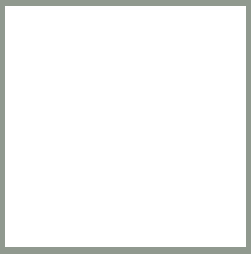
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 30.6949, 0.3130, 0.3449 Background



This preview shows how black text looks on a background with the Yxy color 30.6949, 0.3130, 0.3449.



This preview shows how white text looks on a background with the Yxy color 30.6949, 0.3130, 0.3449.

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

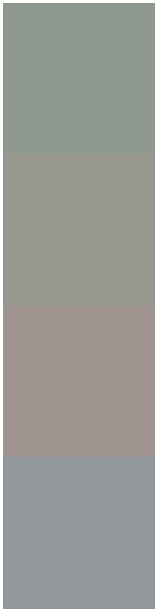
Original Color
30.6949, 0.3130, 0.3449

Protanopia
30.7043, 0.3265, 0.3430

Deuteranopia
30.5106, 0.3362, 0.3291

Tritanopia
30.6244, 0.2987, 0.3105

Trichromacy



Original Color
30.6949, 0.3130, 0.3449

Protanomaly
30.6655, 0.3213, 0.3431

Deuteranomaly
30.5644, 0.3281, 0.3352

Tritanomaly
30.6108, 0.3040, 0.3227

Monochromacy

Original Color
30.6949, 0.3130, 0.3449

Achromatopsia
30.0544, 0.3127, 0.3290

Achromatomaly
30.1223, 0.3125, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6949, 0.3130, 0.3449 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(144, 153, 143) looks like.

```
.text, #text, p{
    color:rgb(144, 153, 143)
}
```

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(144, 153, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 153, 143) }
```

Border

The CSS property to change the border of an element to Yxy 30.6949, 0.3130, 0.3449 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(144, 153, 143) }
```

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

```
.border{ border-color:rgb(144, 153, 143) }
```

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

Here you see how a box with a 4 pixel rgb(144, 153, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 153, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 153, 143); box-shadow:4px 4px 4px 4px rgb(144, 153, 143) }
```

Background

The CSS property to change the background color of an element to Yxy 30.6949, 0.3130, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(144, 153, 143) }
```

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

```
.background{ background-color:rgb(144,
153, 143) }
```

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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