

Converting Colors

$Yxy(31.5869, 0.2813, 0.2955)$

Have a look what the booklet for
Yxy(31.5869, 0.2813, 0.2955)
contains.

Yxy(31.4531, 0.2813, 0.2955)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.4531, 0.2813, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	8C99AF
RGB	140, 153, 175
RGB Percent	55%, 60%, 69%
CMY	0.4510, 0.4000, 0.3138
CMYK	0.20, 0.13, 0.00, 0.31
HSL	218°, 18%, 62%
HSV	218°, 20%, 69%
XYZ	29.9416, 31.4531, 45.0455
YIQ	151.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

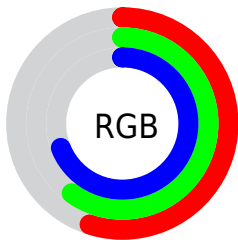
Format	Color
RYB	140, 149, 175
Decimal	9214383
CIELab	62.89, 0.18, -13.01
CIElCh	63, 13.012, 270.775
Yxy	31.4531, 0.2813, 0.2955
Android (android.graphics.Color)	4287404463 (0xFF8C99AF)
YUV	151.6210, 11.5258, -10.1916
Hunter-Lab	56.0831, -2.8477, -8.3632

Details

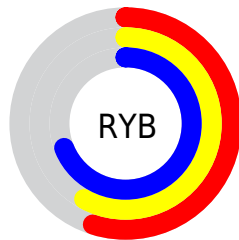
The Yxy color **31.4531, 0.2813, 0.2955** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8358, 0.3456, 0.3604**, and the grayscale version is **31.1815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8645, 0.2873, 0.3014**, and **13.0566, 0.2700, 0.2832** is the 20% darker color. If you saturate the color by 10%, you get **26.6198, 0.2644, 0.2759**, and if you desaturate by 10%, it is **36.8620, 0.2975, 0.3132**.

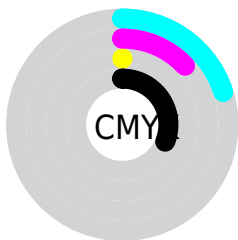
Distribution



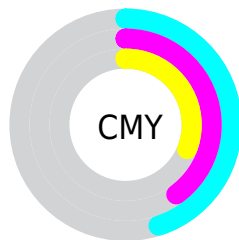
- Red (55%)
- Green (60%)
- Blue (69%)



- Red (55%)
- Yellow (58%)
- Blue (69%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (45%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.4531, 0.2813, 0.2955 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 31.4531, 0.2813, 0.2955 by changing the saturation by 10% instead.

■ 31.4531, 0.2813,
0.2955

■ 31.4531, 0.2813,
0.2955

■ 308.6203, 0.2979,
0.3132

■ 20.9441, 0.2768,
0.2907

■ 61.9527, 0.2876,
0.3022

■ 13.0832, 0.2709,
0.2844

■ 82.7122, 0.2899,
0.3046

■ 7.4858, 0.2627,
0.2757

■ 107.6572, 0.2918,
0.3066

■ 3.7678, 0.2504,
0.2627

■ 137.1723, 0.2934,
0.3084

■ 1.5445, 0.2306,
0.2416

■ 171.6417, 0.2948,
0.3098

■ 0.3198, 0.1608,
0.1668

■ 211.4499, 0.2960,

■ 0.0000, 0.0000,

0.3111

0.0000

256.9813, 0.2970,
0.3122

■ 31.4531, 0.2813,
0.2955

■ 31.4531, 0.2813,
0.2955

■ 26.6198, 0.2644,
0.2759

■ 36.8620, 0.2975,
0.3132

■ 22.3380, 0.2471,
0.2546

■ 42.8620, 0.3127,
0.3290

■ 18.5874, 0.2299,
0.2318

■ 49.4725, 0.3269,
0.3430

■ 15.3448, 0.2133,
0.2080

■ 56.7109, 0.3400,
0.3553

■ 12.5850, 0.1981,
0.1840

■ 64.5941, 0.3520,
0.3661

■ 10.2802, 0.1850,
0.1605

■ 73.1379, 0.3630,
0.3755

■ 8.3990, 0.1744,
0.1386

■ 80.9115, 0.3674,
0.3848

■ 6.8868, 0.1664,
0.1190

■ 87.2198, 0.3642,
0.3951

■ 93.9205, 0.3611,
0.4049

Harmonies

Analogous

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



31.4531, 0.2736, 0.3046



31.4531, 0.2813, 0.2955



31.4531, 0.2974, 0.2952

Triad

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



31.4531, 0.2813, 0.2955



31.4531, 0.3510, 0.3351



31.4531, 0.3064, 0.3569

Complementary

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



31.4531, 0.2813, 0.2955



36.8358, 0.3456, 0.3604

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.



31.4531, 0.3272, 0.3653



31.4531, 0.2813, 0.2955



31.4531, 0.3534, 0.3517

Square

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



31.4531, 0.2813, 0.2955



31.4531, 0.3379, 0.3176



31.4531, 0.3446, 0.3631



31.4531, 0.2877, 0.3403

Rectangle

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



31.4531, 0.2813, 0.2955



31.4531, 0.3110, 0.2997



31.4531, 0.3446, 0.3631



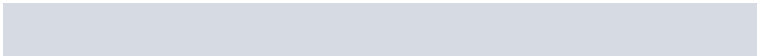
31.4531, 0.3134, 0.3608

Sweetspot

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



31.4544, 0.2813, 0.2955



70.0891, 0.3035, 0.3196



38.8244, 0.2934, 0.3491



15.4288, 0.3026, 0.3186



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.4544, 0.2813, 0.2955



52.3957, 0.2739, 0.2871



27.7826, 0.2840, 0.2756



8.2271, 0.2986, 0.3144



5.0419, 0.1670, 0.1211



0.2470, 0.1847, 0.1848

Inverse Universe

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



30.1654, 0.3375, 0.3103



49.8505, 0.3444, 0.3060



41.1972, 0.3384, 0.3785



8.0628, 0.3230, 0.3206



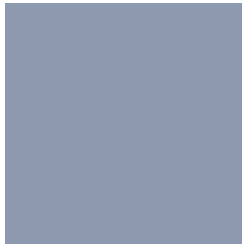
6.8120, 0.5451, 0.2777



0.2003, 0.4628, 0.2323

Previews

White Background



This preview shows how the Yxy color 31.4531, 0.2813, 0.2955 looks on a white background.

Color Contrast Check

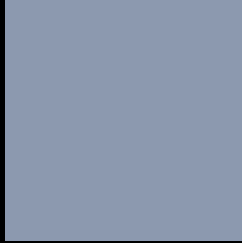
Large Text (above 18pt) WCAG AA × Fail

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 31.4531, 0.2813, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

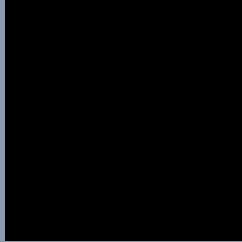
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

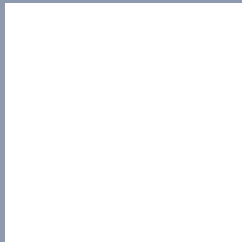
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.4531, 0.2813, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 31.4531, 0.2813, 0.2955.



This preview shows how white text looks on a background with the Yxy color 31.4531, 0.2813, 0.2955.

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

31.4531, 0.2813, 0.2955

Protanopia

31.4851, 0.2892, 0.2945

Deuteranopia

31.2830, 0.2940, 0.2879



Tritanopia

31.3045, 0.2861, 0.3088

Trichromacy



Original Color

31.4531, 0.2813, 0.2955

Protanomaly

31.5322, 0.2865, 0.2958

Deuteranomaly

31.4313, 0.2894, 0.2904

Tritanomaly

31.5024, 0.2846, 0.3043

Monochromacy



Original Color

31.4531, 0.2813, 0.2955

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2904, 0.3015, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4531, 0.2813, 0.2955 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(140, 153, 175)` looks like.

```
.text, #text, p{  
    color:rgb(140, 153, 175)  
}
```

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(140, 153, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 153, 175) }
```

Border

The CSS property to change the border of an element to Yxy 31.4531, 0.2813, 0.2955 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(140, 153, 175) }
```

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

```
.border{ border-color:rgb(140, 153, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 153, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 153, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 153, 175);  
box-shadow:4px 4px 4px 4px rgb(140, 153,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4531, 0.2813, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 153, 175) }
```

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

```
.background{ background-color: rgb(140,  
153, 175) }
```

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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