

Converting Colors

$Y_{xy}(28.4182, 0.3135, 0.3120)$

Have a look what the booklet for
Yxy(28.4182, 0.3135, 0.3120)
contains.

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Color

Yxy(28.4182, 0.3135, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	998E99
RGB	153, 142, 153
RGB Percent	60%, 56%, 60%
CMY	0.4001, 0.4431, 0.4001
CMYK	0.00, 0.07, 0.00, 0.40
HSL	300°, 5%, 58%
HSV	300°, 7%, 60%
XYZ	28.5548, 28.4182, 34.1109
YIQ	146.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

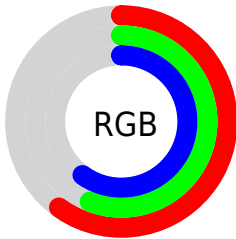
Format	Color
R_{YB}	153, 142, 153
Decimal	10063513
CIE _{Lab}	60.26, 6.15, -4.34
CIE _{LCh}	60, 7.528, 324.765
Yxy	28.4182, 0.3135, 0.3120
Android (android.graphics.Color)	4288253593 (0xFF998E99)
YUV	146.5430, 3.1833, 5.6628
Hunter-Lab	53.3087, 2.3233, -0.6221

Details

The Yxy color **28.4182, 0.3135, 0.3120** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.4846, 0.3119, 0.3466**, and the grayscale version is **28.9640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2502, 0.3133, 0.3162**, and **11.4384, 0.3138, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **24.1728, 0.3146, 0.2877**, and if you desaturate by 10%, it is **33.2909, 0.3124, 0.3356**.

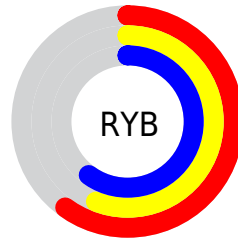
Distribution



Red (60%)

Green (56%)

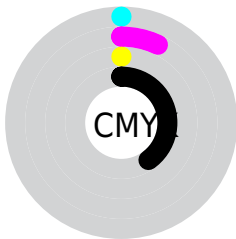
Blue (60%)



Red (60%)

Yellow (56%)

Blue (60%)

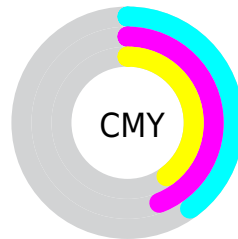


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (40%)


Magenta (44%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4182, 0.3135, 0.3120 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 28.4182, 0.3135, 0.3120 by changing the saturation by 10% instead.


 28.4182, 0.3135,
0.3120


 28.4182, 0.3135,
0.3120


294.4599, 0.3131,
0.3211


 18.6411, 0.3136,
0.3095


 57.1514, 0.3134,
0.3155

 11.4113, 0.3137,
0.3062


 76.8764, 0.3133,
0.3167

 6.3442, 0.3138,
0.3014


 100.6861, 0.3133,
0.3178

 3.0555, 0.3140,
0.2942

128.9650, 0.3132,
0.3186

 1.1608, 0.3140,
0.2819

162.0974, 0.3132,
0.3194

 0.0293, 0.3278,
0.0540


200.4678, 0.3132,


 0.0000, 0.0000,

0.3200

0.0000

244.4604, 0.3131,
0.3206


 28.4182, 0.3135,
0.3120


 28.4182, 0.3135,
0.3120


 24.1728, 0.3146,
0.2877


 33.2909, 0.3124,
0.3356

 20.5258, 0.3157,
0.2634


 38.8110, 0.3114,
0.3580

 17.4513, 0.3168,
0.2397

 45.0025, 0.3104,
0.3790

 14.9203, 0.3178,
0.2176

 51.8867, 0.3095,
0.3985

 12.9012, 0.3187,
0.1978

 59.4843, 0.3087,
0.4163

■ 11.3590, 0.3195,
0.1813

■ 67.8149, 0.3079,
0.4326

■ 10.2546, 0.3200,
0.1687

■ 76.8975, 0.3072,
0.4473

■ 9.5425, 0.3204,
0.1601

■ 80.6031, 0.3070,
0.4526

■ 9.1475, 0.3206,
0.1552

■ 80.6049, 0.3070,
0.4526

Harmonies

Analogous

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



28.4182, 0.3013, 0.3081



28.4182, 0.3135, 0.3120



28.4182, 0.3256, 0.3202

Triad

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



28.4182, 0.3135, 0.3120



28.4182, 0.3333, 0.3485



28.4182, 0.2915, 0.3266

Complementary

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



28.4182, 0.3135, 0.3120



30.4846, 0.3119, 0.3466

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.



28.4182, 0.2998, 0.3380



28.4182, 0.3135, 0.3120



28.4182, 0.3239, 0.3507

Square

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



28.4182, 0.3135, 0.3120



28.4182, 0.3372, 0.3411



28.4182, 0.3116, 0.3469



28.4182, 0.2888, 0.3162

Rectangle

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



28.4182, 0.3135, 0.3120



28.4182, 0.3320, 0.3271



28.4182, 0.3116, 0.3469



28.4182, 0.2937, 0.3305

Sweetspot

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



28.4194, 0.3135, 0.3120



55.2419, 0.3129, 0.3242



27.4562, 0.3021, 0.3117



12.2223, 0.3129, 0.3245



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.



28.4194, 0.3135, 0.3120



49.2918, 0.3137, 0.3072



28.2493, 0.3188, 0.3202



6.3233, 0.3137, 0.3071



7.4838, 0.3206, 0.1540



0.1120, 0.3208, 0.1541

Inverse Universe

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



28.0750, 0.3246, 0.3290



48.5128, 0.3282, 0.3290



30.6466, 0.3070, 0.3380



6.2228, 0.3283, 0.3290



5.5976, 0.6399, 0.3299



0.0837, 0.6390, 0.3294

Previews

White Background



This preview shows how the Yxy color 28.4182, 0.3135, 0.3120 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4182, 0.3135, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

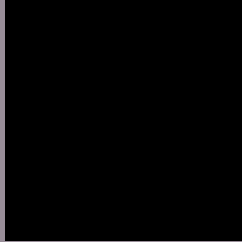
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

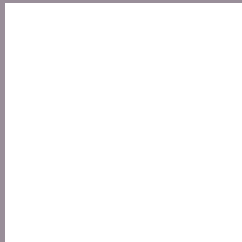
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.4182, 0.3135, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 28.4182, 0.3135, 0.3120.



This preview shows how white text looks on a background with the Yxy color 28.4182, 0.3135, 0.3120.

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

28.4182, 0.3135, 0.3120

Protanopia

28.2994, 0.3041, 0.3132

Deuteranopia

28.4176, 0.3168, 0.3106



Tritanopia

28.4182, 0.3135, 0.3120

Trichromacy



Original Color

28.4182, 0.3135, 0.3120

Protanomaly

28.2739, 0.3072, 0.3117

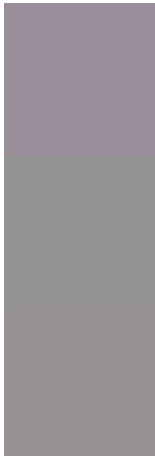
Deuteranomaly

28.3182, 0.3157, 0.3105

Tritanomaly

28.4182, 0.3135, 0.3120

Monochromacy



Original Color

28.4182, 0.3135, 0.3120

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8103, 0.3130, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4182, 0.3135, 0.3120 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(153, 142, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 153)  
}
```

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(153, 142, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 153) }
```

Border

The CSS property to change the border of an element to Yxy 28.4182, 0.3135, 0.3120 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(153, 142, 153) }
```

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

```
.border{ border-color:rgb(153, 142, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4182, 0.3135, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 153) }
```

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

```
.background{ background-color: rgb(153,  
142, 153) }
```

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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