

Converting Colors

$Y_{xy}(24.4060, 0.3142, 0.2861)$

Have a look what the booklet for
Yxy(24.4060, 0.3142, 0.2861)
contains.

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Color

Yxy(24.4153, 0.3136, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	9A7F9B
RGB	154, 127, 155
RGB Percent	60%, 50%, 61%
CMY	0.3962, 0.5019, 0.3922
CMYK	0.01, 0.18, 0.00, 0.39
HSL	298°, 12%, 55%
HSV	298°, 18%, 61%
XYZ	26.8277, 24.4153, 34.3046
YIQ	138.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

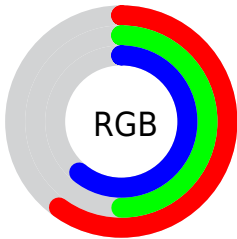
Format	Color
R_{YB}	154, 127, 155
Decimal	10125211
CIE _{Lab}	56.50, 15.48, -11.09
CIE _{LCh}	57, 19.040, 324.383
Yxy	24.4153, 0.3136, 0.2854
Android (android.graphics.Color)	4288315291 (0xFF9A7F9B)
YUV	138.2650, 8.2504, 13.7996
Hunter-Lab	49.4118, 10.4444, -6.5743

Details

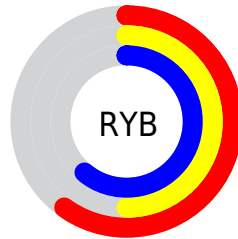
The Yxy color $24.4153, 0.3136, 0.2854$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $29.5640, 0.3115, 0.3765$, and the grayscale version is $25.4875, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8013, 0.3143, 0.2950$, and $9.3318, 0.3137, 0.2707$ is the 20% darker color. If you saturate the color by 10%, you get $20.6604, 0.3140, 0.2608$, and if you desaturate by 10%, it is $28.7885, 0.3131, 0.3098$.

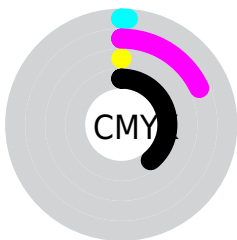
Distribution



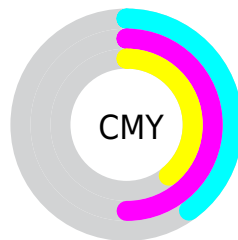
- Red (60%)
- Green (50%)
- Blue (61%)



- Red (60%)
- Yellow (50%)
- Blue (61%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (39%)





- Cyan (40%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4153, 0.3136, 0.2854 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 24.4153, 0.3136, 0.2854 by changing the saturation by 10% instead.

 24.4153, 0.3136,
0.2854


 24.4153, 0.3136,
0.2854


274.9134, 0.3134,
0.3088


 15.6420, 0.3135,
0.2790


 50.7071, 0.3136,
0.2943

 9.2712, 0.3134,
0.2703


 68.9943, 0.3136,
0.2975

 4.9185, 0.3129,
0.2581


 91.2216, 0.3136,
0.3002

 2.1995, 0.3119,
0.2396

117.7734, 0.3135,
0.3025

 0.7197, 0.3099,
0.2062

149.0341, 0.3135,
0.3044

 0.0000, 0.0267,
0.0000

185.3881, 0.3135,

 0.0000, 0.0000,

0.3061

0.0000

227.2197, 0.3134,
0.3075

■ 24.4153, 0.3136,
0.2854

■ 24.4153, 0.3136,
0.2854

■ 20.6604, 0.3140,
0.2608

■ 28.7885, 0.3131,
0.3098

■ 17.4926, 0.3142,
0.2368

■ 33.8030, 0.3126,
0.3335

■ 14.8826, 0.3143,
0.2143

■ 39.4846, 0.3120,
0.3561

■ 12.7976, 0.3142,
0.1942

■ 45.8569, 0.3115,
0.3771

■ 11.2011, 0.3140,
0.1774

■ 52.9420, 0.3109,
0.3966

■ 10.0522, 0.3135,
0.1643

■ 60.7613, 0.3103,
0.4145

■ 9.3031, 0.3129,
0.1555

■ 69.3351, 0.3097,
0.4308

■ 8.8657, 0.3121,
0.1502

■ 78.6832, 0.3092,
0.4455

■ 8.7897, 0.3120,
0.1492

■ 81.2615, 0.3093,
0.4490

Harmonies

Analogous

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



24.4153, 0.2820, 0.2753



24.4153, 0.3136, 0.2854



24.4153, 0.3466, 0.3056

Triad

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



24.4153, 0.3136, 0.2854



24.4153, 0.3675, 0.3799



24.4153, 0.2577, 0.3217

Complementary

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



24.4153, 0.3136, 0.2854



29.5640, 0.3115, 0.3765

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.



24.4153, 0.2785, 0.3535



24.4153, 0.3136, 0.2854



24.4153, 0.3418, 0.3882

Square

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



24.4153, 0.3136, 0.2854



24.4153, 0.3786, 0.3587



24.4153, 0.3091, 0.3788



24.4153, 0.2510, 0.2943

Rectangle

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



24.4153, 0.3136, 0.2854



24.4153, 0.3643, 0.3227



24.4153, 0.3091, 0.3788



24.4153, 0.2632, 0.3323

Sweetspot

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



24.4164, 0.3136, 0.2854



54.0939, 0.3130, 0.3169



22.4259, 0.2840, 0.2838



12.1150, 0.3130, 0.3154



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.4164, 0.3136, 0.2854



40.6539, 0.3138, 0.2746



24.1153, 0.3287, 0.3046



6.3122, 0.3132, 0.3070



7.0645, 0.3121, 0.1493



0.1087, 0.3163, 0.1516

Inverse Universe

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



23.7096, 0.3453, 0.3275



39.1325, 0.3554, 0.3271



29.8346, 0.2994, 0.3547



6.2261, 0.3278, 0.3282



5.6084, 0.6348, 0.3270



0.0847, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 24.4153, 0.3136, 0.2854 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 24.4153, 0.3136, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

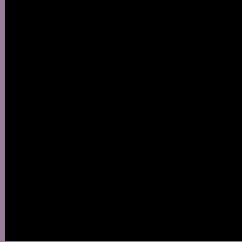
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4153, 0.3136, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 24.4153, 0.3136, 0.2854.



This preview shows how white text looks on a background with the Yxy color 24.4153, 0.3136, 0.2854.

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

24.4153, 0.3136, 0.2854

Protanopia

24.6913, 0.2840, 0.2878

Deuteranopia

24.4111, 0.2990, 0.2931



Tritanopia

24.5341, 0.3274, 0.3130

Trichromacy



Original Color

24.4153, 0.3136, 0.2854

Protanomaly

24.4601, 0.2940, 0.2868

Deuteranomaly

24.3181, 0.3045, 0.2904

Tritanomaly

24.5172, 0.3232, 0.3036

Monochromacy



Original Color

24.4153, 0.3136, 0.2854

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9931, 0.3135, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4153, 0.3136, 0.2854 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(154, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(154, 127, 155)  
}
```

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(154, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 127, 155) }
```

Border

The CSS property to change the border of an element to Yxy 24.4153, 0.3136, 0.2854 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(154, 127, 155) }
```

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

```
.border{ border-color:rgb(154, 127, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(154, 127,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4153, 0.3136, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 127, 155) }
```

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

```
.background{ background-color: rgb(154,  
127, 155) }
```

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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