

Converting Colors

$Y_{xy}(24.8721, 0.3121, 0.2952)$

Have a look what the booklet for
Yxy(24.8721, 0.3121, 0.2952)
contains.

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Color

Yxy(24.9836, 0.3120, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	968398
RGB	150, 131, 152
RGB Percent	59%, 51%, 60%
CMY	0.4118, 0.4863, 0.4039
CMYK	0.01, 0.14, 0.00, 0.40
HSL	294°, 9%, 55%
HSV	294°, 14%, 60%
XYZ	26.3608, 24.9836, 33.1453
YIQ	139.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

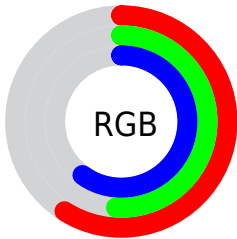
Format	Color
R_{YB}	150, 131, 152
Decimal	9864088
CIE _{Lab}	57.06, 11.16, -8.58
CIE _{LCh}	57, 14.072, 322.457
Yxy	24.9836, 0.3120, 0.2957
Android (android.graphics.Color)	4288054168 (0xFF968398)
YUV	139.0750, 6.3720, 9.5812
Hunter-Lab	49.9836, 6.6676, -4.3281

Details

The Yxy color $24.9836, 0.3120, 0.2957$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.0898, 0.3131, 0.3642$, and the grayscale version is $25.8231, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5746, 0.3123, 0.3028$, and $9.6268, 0.3114, 0.2852$ is the 20% darker color. If you saturate the color by 10%, you get $21.0579, 0.3112, 0.2708$, and if you desaturate by 10%, it is $29.5123, 0.3126, 0.3200$.

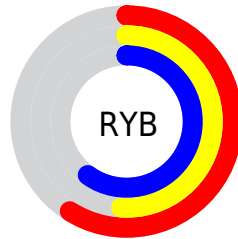
Distribution



Red (59%)

Green (51%)

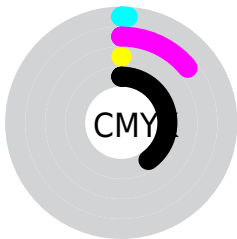
Blue (60%)



Red (59%)

Yellow (51%)

Blue (60%)

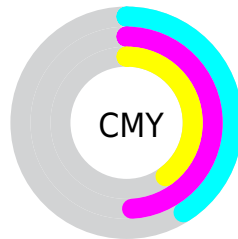


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (40%)



Cyan (41%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9836, 0.3120, 0.2957 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 24.9836, 0.3120, 0.2957 by changing the saturation by 10% instead.


 24.9836, 0.3120,
0.2957


 24.9836, 0.3120,
0.2957


277.7563, 0.3126,
0.3137


 16.0648, 0.3118,
0.2907


 51.6306, 0.3123,
0.3026

 9.5700, 0.3114,
0.2840


 70.1277, 0.3123,
0.3051

 5.1148, 0.3108,
0.2744

 92.5863, 0.3124,
0.3071

 2.3148, 0.3096,
0.2598

119.3908, 0.3125,
0.3088

 0.7815, 0.3071,
0.2336

150.9257, 0.3125,
0.3103

 0.0000, 0.0000,
0.0000

187.5753, 0.3125,

0.3116

229.7240, 0.3125,
0.3127

■ 24.9836, 0.3120,
0.2957

■ 24.9836, 0.3120,
0.2957

■ 21.0579, 0.3112,
0.2708

■ 29.5123, 0.3126,
0.3200

■ 17.7060, 0.3101,
0.2460

■ 34.6653, 0.3129,
0.3432

■ 14.9012, 0.3088,
0.2220

■ 40.4666, 0.3131,
0.3650

■ 12.6130, 0.3072,
0.1998

■ 46.9381, 0.3131,
0.3852

■ 10.8085, 0.3053,
0.1803

■ 54.1006, 0.3131,
0.4037

■ 9.4506, 0.3032,
0.1643

■ 61.9742, 0.3129,
0.4207

■ 8.4968, 0.3010,
0.1524

■ 70.5779, 0.3127,
0.4360

■ 7.8963, 0.2986,
0.1447

■ 79.9302, 0.3125,
0.4499

■ 7.6153, 0.2971,
0.1410

■ 81.5942, 0.3132,
0.4517

Harmonies

Analogous

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



24.9836, 0.2888, 0.2888



24.9836, 0.3120, 0.2957



24.9836, 0.3362, 0.3106

Triad

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



24.9836, 0.3120, 0.2957



24.9836, 0.3539, 0.3659



24.9836, 0.2726, 0.3255

Complementary

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



24.9836, 0.3120, 0.2957



29.0898, 0.3131, 0.3642

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.



24.9836, 0.2890, 0.3483



24.9836, 0.3120, 0.2957



24.9836, 0.3358, 0.3720

Square

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



24.9836, 0.3120, 0.2957



24.9836, 0.3609, 0.3503



24.9836, 0.3120, 0.3657



24.9836, 0.2668, 0.3049

Rectangle

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



24.9836, 0.3120, 0.2957



24.9836, 0.3494, 0.3234



24.9836, 0.3120, 0.3657



24.9836, 0.2771, 0.3332

Sweetspot

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



24.9847, 0.3120, 0.2957



51.8613, 0.3125, 0.3194



23.8977, 0.2914, 0.2972



11.6510, 0.3125, 0.3177



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.



24.9847, 0.3120, 0.2957



41.5398, 0.3117, 0.2870



24.9129, 0.3233, 0.3089



6.2934, 0.3123, 0.3070



6.3911, 0.2973, 0.1411



0.1032, 0.3086, 0.1474

Inverse Universe

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



24.6055, 0.3350, 0.3258



40.7269, 0.3418, 0.3249



29.1636, 0.3034, 0.3500



6.2319, 0.3269, 0.3269



5.6276, 0.6258, 0.3221



0.0864, 0.5663, 0.2893

Previews

White Background



This preview shows how the Yxy color 24.9836, 0.3120, 0.2957 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 24.9836, 0.3120, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

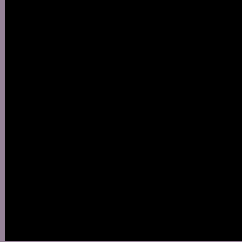
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9836, 0.3120, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 24.9836, 0.3120, 0.2957.



This preview shows how white text looks on a background with the Yxy color 24.9836, 0.3120, 0.2957.

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

24.9836, 0.3120, 0.2957

Protanopia

25.0432, 0.2918, 0.2976

Deuteranopia

24.9713, 0.3053, 0.2983



Tritanopia

25.1478, 0.3203, 0.3129

Trichromacy



Original Color

24.9836, 0.3120, 0.2957

Protanomaly

24.9587, 0.2990, 0.2964

Deuteranomaly

24.8805, 0.3075, 0.2969

Tritanomaly

24.9674, 0.3172, 0.3065

Monochromacy



Original Color

24.9836, 0.3120, 0.2957

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4616, 0.3122, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9836, 0.3120, 0.2957 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(150, 131, 152)` looks like.

```
.text, #text, p{  
    color:rgb(150, 131, 152)  
}
```

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(150, 131, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 131, 152) }
```

Border

The CSS property to change the border of an element to Yxy 24.9836, 0.3120, 0.2957 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(150, 131, 152) }
```

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

```
.border{ border-color:rgb(150, 131, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 131, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 131, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 131, 152); box-shadow:4px 4px 4px 4px rgb(150, 131, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9836, 0.3120, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 131, 152) }
```

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

```
.background{ background-color: rgb(150,  
131, 152) }
```

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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