

Converting Colors

$Y_{xy}(25.0005, 0.3028, 0.2865)$

Have a look what the booklet for
Yxy(25.0005, 0.3028, 0.2865)
contains.

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Color

Yxy(24.9043, 0.3026, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	93839E
RGB	147, 131, 158
RGB Percent	58%, 51%, 62%
CMY	0.4234, 0.4863, 0.3805
CMYK	0.07, 0.17, 0.00, 0.38
HSL	276°, 12%, 57%
HSV	276°, 17%, 62%
XYZ	26.3222, 24.9043, 35.7602
YIQ	138.8620, 0.8690, 11.7890

Conversions

Conversions Part 2

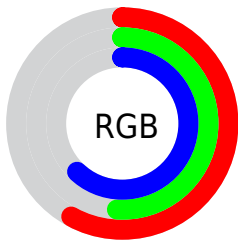
Format	Color
R_{YB}	147, 131, 158
Decimal	9667486
CIE _{Lab}	56.98, 11.33, -12.16
CIE _{LCh}	57, 16.620, 312.988
Yxy	24.9043, 0.3026, 0.2863
Android (android.graphics.Color)	4287857566 (0xFF93839E)
YUV	138.8620, 9.4350, 7.1370
Hunter-Lab	49.9042, 6.8182, -7.5529

Details

The Yxy color $24.9043, 0.3026, 0.2863$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $31.8346, 0.3214, 0.3725$, and the grayscale version is $25.7269, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5026, 0.3045, 0.2946$, and $9.5829, 0.2974, 0.2716$ is the 20% darker color. If you saturate the color by 10%, you get $20.4033, 0.2953, 0.2593$, and if you desaturate by 10%, it is $30.0876, 0.3089, 0.3119$.

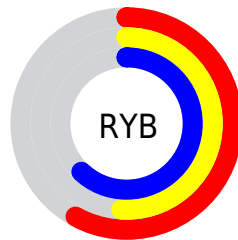
Distribution



Red (58%)

Green (51%)

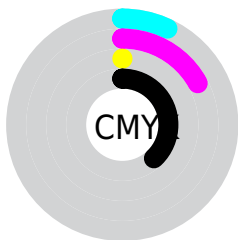
Blue (62%)



Red (58%)

Yellow (51%)

Blue (62%)

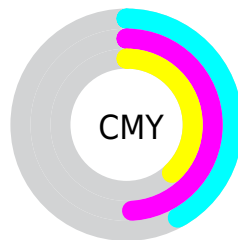


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (38%)



Cyan (42%)


Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9043, 0.3026, 0.2863 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 24.9043, 0.3026, 0.2863 by changing the saturation by 10% instead.


 24.9043, 0.3026,
0.2863


 24.9043, 0.3026,
0.2863


277.3610, 0.3084,
0.3093


 16.0058, 0.3009,
0.2800


 51.5019, 0.3049,
0.2951

 9.5282, 0.2984,
0.2715


 69.9698, 0.3057,
0.2982

 5.0873, 0.2948,
0.2595


 92.3963, 0.3064,
0.3008

 2.2986, 0.2887,
0.2413

119.1657, 0.3069,
0.3030

 0.7730, 0.2775,
0.2097

150.6625, 0.3074,
0.3049

 0.0000, 0.0000,
0.0000

187.2711, 0.3078,

0.3066

229.3758, 0.3081,
0.3080

■ 24.9043, 0.3026,
0.2863

■ 24.9043, 0.3026,
0.2863

■ 20.4033, 0.2953,
0.2593

■ 30.0876, 0.3089,
0.3119

■ 16.5517, 0.2870,
0.2314

■ 35.9779, 0.3142,
0.3358

■ 13.3186, 0.2777,
0.2035

■ 42.6027, 0.3186,
0.3576

■ 10.6691, 0.2676,
0.1767

■ 49.9867, 0.3223,
0.3775

■ 8.5649, 0.2570,
0.1522

■ 58.1537, 0.3253,
0.3955

6.9630, 0.2462,
0.1313

67.1265, 0.3278,
0.4117

5.8135, 0.2357,
0.1150

76.9268, 0.3298,
0.4262

5.0376, 0.2257,
0.1033

86.0435, 0.3318,
0.4371

4.8376, 0.2229,
0.1001

86.9363, 0.3360,
0.4356

Harmonies

Analogous

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



24.9043, 0.2774, 0.2817



24.9043, 0.3026, 0.2863



24.9043, 0.3317, 0.3010

Triad

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



24.9043, 0.3026, 0.2863



24.9043, 0.3657, 0.3675



24.9043, 0.2704, 0.3334

Complementary

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



24.9043, 0.3026, 0.2863



31.8346, 0.3214, 0.3725

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.



24.9043, 0.2925, 0.3596



24.9043, 0.3026, 0.2863



24.9043, 0.3477, 0.3792

Square

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



24.9043, 0.3026, 0.2863



24.9043, 0.3691, 0.3466



24.9043, 0.3208, 0.3768



24.9043, 0.2595, 0.3072

Rectangle

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



24.9043, 0.3026, 0.2863



24.9043, 0.3492, 0.3149



24.9043, 0.3208, 0.3768



24.9043, 0.2767, 0.3425

Sweetspot

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



24.9054, 0.3026, 0.2863



56.6694, 0.3100, 0.3168



26.7116, 0.2864, 0.3031



12.6229, 0.3096, 0.3152



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.9054, 0.3026, 0.2863



42.3973, 0.3003, 0.2775



25.8911, 0.3170, 0.2911



6.6201, 0.3076, 0.3065



3.8986, 0.2236, 0.1006



0.0940, 0.2636, 0.1226

Inverse Universe

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



25.4516, 0.3320, 0.3119



43.5759, 0.3365, 0.3084



30.9740, 0.3086, 0.3700



6.6886, 0.3224, 0.3199



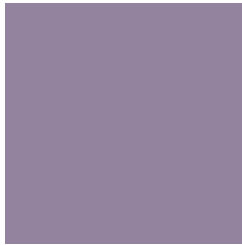
6.1274, 0.5303, 0.2695



0.1177, 0.4350, 0.2170

Previews

White Background



This preview shows how the Yxy color 24.9043, 0.3026, 0.2863 looks on a white background.

Color Contrast Check

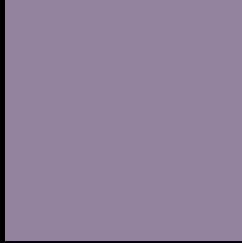
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9043, 0.3026, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

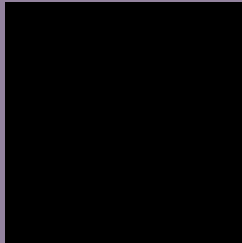
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9043, 0.3026, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 24.9043, 0.3026, 0.2863.



This preview shows how white text looks on a background with the Yxy color 24.9043, 0.3026, 0.2863.

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

24.9043, 0.3026, 0.2863

Protanopia

25.0871, 0.2842, 0.2880

Deuteranopia

24.8191, 0.2951, 0.2886



Tritanopia

24.8084, 0.3147, 0.3110

Trichromacy



Original Color

24.9043, 0.3026, 0.2863

Protanomaly

24.9066, 0.2901, 0.2868

Deuteranomaly

24.8108, 0.2982, 0.2874

Tritanomaly

24.7834, 0.3106, 0.3016

Monochromacy



Original Color

24.9043, 0.3026, 0.2863

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4344, 0.3091, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9043, 0.3026, 0.2863 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(147, 131, 158)` looks like.

```
.text, #text, p{  
    color:rgb(147, 131, 158)  
}
```

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(147, 131, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 131, 158) }
```

Border

The CSS property to change the border of an element to Yxy 24.9043, 0.3026, 0.2863 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(147, 131, 158) }
```

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

```
.border{ border-color:rgb(147, 131, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 131, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 131, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 131, 158);  
box-shadow:4px 4px 4px 4px rgb(147, 131,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9043, 0.3026, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 131, 158) }
```

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

```
.background{ background-color: rgb(147,  
131, 158) }
```

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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