

Converting Colors

$Y_{xy}(23.9635, 0.3097, 0.3041)$

Have a look what the booklet for
Yxy(23.9635, 0.3097, 0.3041)
contains.

Yxy(24.0587, 0.3094, 0.3043)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0587, 0.3094, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	8E8392
RGB	142, 131, 146
RGB Percent	56%, 51%, 57%
CMY	0.4430, 0.4863, 0.4275
CMYK	0.03, 0.10, 0.00, 0.43
HSL	284°, 6%, 54%
HSV	284°, 10%, 57%
XYZ	24.4619, 24.0587, 30.5418
YIQ	135.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

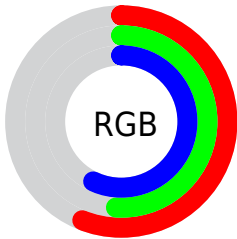
Format	Color
R _Y B	142, 131, 146
Decimal	9339794
CIE Lab	56.15, 7.07, -6.53
CIE LCh	56, 9.623, 317.264
Yxy	24.0587, 0.3094, 0.3043
Android (android.graphics.Color)	4287529874 (0xFF8E8392)
YUV	135.9990, 4.9305, 5.2629
Hunter-Lab	49.0497, 3.1841, -2.5834

Details

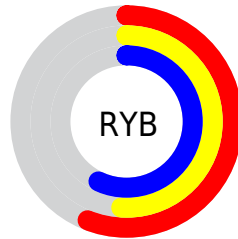
The Yxy color $24.0587, 0.3094, 0.3043$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.3388, 0.3157, 0.3543$, and the grayscale version is $24.6021, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1869, 0.3103, 0.3094$, and $9.1544, 0.3075, 0.2950$ is the 20% darker color. If you saturate the color by 10%, you get $20.0754, 0.3055, 0.2790$, and if you desaturate by 10%, it is $28.6084, 0.3126, 0.3284$.

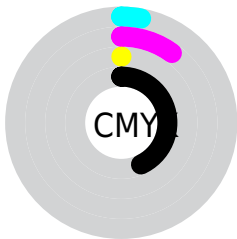
Distribution



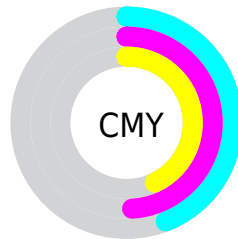
- Red (56%)
- Green (51%)
- Blue (57%)



- Red (56%)
- Yellow (51%)
- Blue (57%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (44%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0587, 0.3094, 0.3043 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 24.0587, 0.3094, 0.3043 by changing the saturation by 10% instead.

■ 24.0587, 0.3094,
0.3043

■ 24.0587, 0.3094,
0.3043

273.1171, 0.3113,
0.3178

■ 15.3772, 0.3088,
0.3005

■ 50.1260, 0.3102,
0.3095

■ 9.0845, 0.3080,
0.2953

■ 68.2805, 0.3104,
0.3114

■ 4.7964, 0.3067,
0.2877

■ 90.3615, 0.3107,
0.3129

■ 2.1283, 0.3045,
0.2759

116.7533, 0.3108,
0.3142

■ 0.6805, 0.3016,
0.2505

147.8404, 0.3110,
0.3153

■ 0.0000, 0.0000,
0.0000

184.0072, 0.3111,

0.3163

225.6379, 0.3112,
0.3171

■ 24.0587, 0.3094,
0.3043

■ 24.0587, 0.3094,
0.3043

■ 20.0754, 0.3055,
0.2790

■ 28.6084, 0.3126,
0.3284

■ 16.6324, 0.3010,
0.2528

■ 33.7431, 0.3153,
0.3509

■ 13.7059, 0.2957,
0.2266

■ 39.4845, 0.3174,
0.3716

■ 11.2692, 0.2899,
0.2012

■ 45.8522, 0.3192,
0.3906

■ 9.2934, 0.2835,
0.1776

■ 52.8648, 0.3205,
0.4079

7.7461, 0.2767,
0.1569

60.5402, 0.3215,
0.4235

6.5909, 0.2697,
0.1400

68.8957, 0.3223,
0.4376

5.7852, 0.2627,
0.1275

77.9478, 0.3229,
0.4502

5.2265, 0.2561,
0.1184

82.9109, 0.3243,
0.4555

Harmonies

Analogous

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



24.0587, 0.2938, 0.3007



24.0587, 0.3094, 0.3043



24.0587, 0.3263, 0.3140

Triad

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



24.0587, 0.3094, 0.3043



24.0587, 0.3427, 0.3533



24.0587, 0.2863, 0.3296

Complementary

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



24.0587, 0.3094, 0.3043



27.3388, 0.3157, 0.3543

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.



24.0587, 0.2989, 0.3447



24.0587, 0.3094, 0.3043



24.0587, 0.3314, 0.3585

Square

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



24.0587, 0.3094, 0.3043



24.0587, 0.3458, 0.3419



24.0587, 0.3153, 0.3555



24.0587, 0.2807, 0.3148

Rectangle

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



24.0587, 0.3094, 0.3043



24.0587, 0.3359, 0.3228



24.0587, 0.3153, 0.3555



24.0587, 0.2898, 0.3348

Sweetspot

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



24.0597, 0.3094, 0.3043



48.1348, 0.3118, 0.3218



24.2262, 0.2973, 0.3103



10.5699, 0.3116, 0.3200



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.0597, 0.3094, 0.3043



40.9866, 0.3087, 0.2994



24.3091, 0.3176, 0.3102



5.8329, 0.3098, 0.3069



4.6116, 0.2564, 0.1186



0.0708, 0.2885, 0.1363

Inverse Universe

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



24.0895, 0.3258, 0.3225



41.0533, 0.3287, 0.3212



27.1130, 0.3082, 0.3485



5.8391, 0.3243, 0.3232



5.5074, 0.5827, 0.2984



0.0717, 0.4782, 0.2408

Previews

White Background



This preview shows how the Yxy color 24.0587, 0.3094, 0.3043 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 24.0587, 0.3094, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

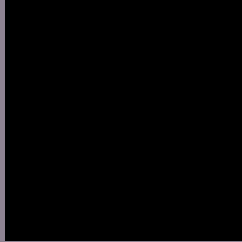
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0587, 0.3094, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 24.0587, 0.3094, 0.3043.



This preview shows how white text looks on a background with the Yxy color 24.0587, 0.3094, 0.3043.

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

24.0587, 0.3094, 0.3043

Protanopia

24.1749, 0.2974, 0.3054

Deuteranopia

24.0587, 0.3094, 0.3043



Tritanopia

24.1182, 0.3124, 0.3124

Trichromacy



Original Color

24.0587, 0.3094, 0.3043

Protanomaly

24.1159, 0.3016, 0.3055

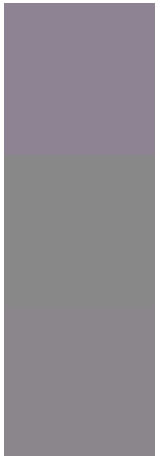
Deuteranomaly

24.0587, 0.3094, 0.3043

Tritanomaly

24.1484, 0.3113, 0.3107

Monochromacy



Original Color

24.0587, 0.3094, 0.3043

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.3469, 0.3110, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0587, 0.3094, 0.3043 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(142, 131, 146)` looks like.

```
.text, #text, p{  
    color:rgb(142, 131, 146)  
}
```

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(142, 131, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 131, 146) }
```

Border

The CSS property to change the border of an element to Yxy 24.0587, 0.3094, 0.3043 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(142, 131, 146) }
```

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

```
.border{ border-color:rgb(142, 131, 146) }
```

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

Here you see how a box with a 4 pixel rgb(142, 131, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 131, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 131, 146);  
box-shadow:4px 4px 4px 4px rgb(142, 131,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0587, 0.3094, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 131, 146) }
```

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

```
.background{ background-color: rgb(142,  
131, 146) }
```

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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