

Converting Colors

$Y_{xy}(24.9220, 0.2996, 0.3049)$

Have a look what the booklet for
Yxy(24.9220, 0.2996, 0.3049)
contains.

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Color

Yxy(24.8483, 0.2997, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	898796
RGB	137, 135, 150
RGB Percent	54%, 53%, 59%
CMY	0.4629, 0.4705, 0.4118
CMYK	0.09, 0.10, 0.00, 0.41
HSL	248°, 7%, 56%
HSV	248°, 10%, 59%
XYZ	24.4807, 24.8483, 32.3551
YIQ	137.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

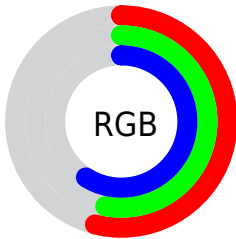
Format	Color
R_{YB}	137, 135, 150
Decimal	9013142
CIE Lab	56.93, 3.78, -7.73
CIE LCh	57, 8.602, 296.095
Yxy	24.8483, 0.2997, 0.3042
Android (android.graphics.Color)	4287203222 (0xFF898796)
YUV	137.3080, 6.2572, -0.2701
Hunter-Lab	49.8481, 0.4284, -3.5899

Details

The Yxy color $24.8483, 0.2997, 0.3042$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.8581, 0.3250, 0.3529$, and the grayscale version is $25.1145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2732, 0.3023, 0.3093$, and $9.4241, 0.2949, 0.2947$ is the 20% darker color. If you saturate the color by 10%, you get $19.9179, 0.2848, 0.2764$, and if you desaturate by 10%, it is $30.5037, 0.3127, 0.3290$.

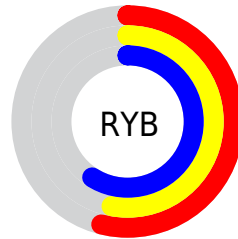
Distribution



Red (54%)

Green (53%)

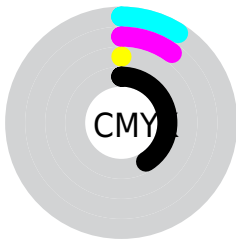
Blue (59%)



Red (54%)

Yellow (53%)

Blue (59%)

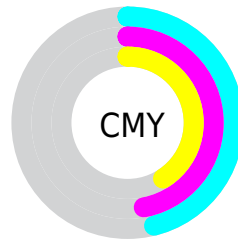


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (41%)



Cyan (46%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8483, 0.2997, 0.3042 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 24.8483, 0.2997, 0.3042 by changing the saturation by 10% instead.

■ 24.8483, 0.2997,
0.3042

■ 24.8483, 0.2997,
0.3042

277.0816, 0.3069,
0.3178

■ 15.9641, 0.2976,
0.3004

■ 51.4110, 0.3025,
0.3094

■ 9.4987, 0.2947,
0.2952

■ 69.8583, 0.3035,
0.3113

■ 5.0679, 0.2905,
0.2876

■ 92.2620, 0.3043,
0.3128

■ 2.2872, 0.2837,
0.2759

119.0066, 0.3050,
0.3141

■ 0.7669, 0.2716,
0.2536

150.4765, 0.3056,
0.3152

■ 0.0000, 0.0000,
0.0000

187.0560, 0.3061,

0.3162

229.1296, 0.3065,
0.3170

■ 24.8483, 0.2997,
0.3042

■ 24.8483, 0.2997,
0.3042

■ 19.9179, 0.2848,
0.2764

■ 30.5037, 0.3127,
0.3290

■ 15.6802, 0.2682,
0.2460

■ 36.9085, 0.3240,
0.3510

■ 12.1049, 0.2500,
0.2134

■ 44.0899, 0.3338,
0.3702

■ 9.1583, 0.2308,
0.1799

■ 52.0727, 0.3421,
0.3869

■ 6.8039, 0.2115,
0.1472

■ 60.8808, 0.3492,
0.4015

■ 5.0012, 0.1931,
0.1174

■ 70.5369, 0.3553,
0.4141

■ 3.7046, 0.1771,
0.0927

■ 81.0629, 0.3605,
0.4251

■ 2.8612, 0.1646,
0.0749

■ 92.4762, 0.3650,
0.4347

■ 2.3466, 0.1558,
0.0632

■ 94.8581, 0.3740,
0.4313

Harmonies

Analogous

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



24.8483, 0.2888, 0.3056



24.8483, 0.2997, 0.3042



24.8483, 0.3143, 0.3091

Triad

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



24.8483, 0.2997, 0.3042



24.8483, 0.3420, 0.3438



24.8483, 0.2967, 0.3392

Complementary

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



24.8483, 0.2997, 0.3042



29.8581, 0.3250, 0.3529

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.



24.8483, 0.3106, 0.3501



24.8483, 0.2997, 0.3042



24.8483, 0.3370, 0.3525

Square

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



24.8483, 0.2997, 0.3042



24.8483, 0.3390, 0.3316



24.8483, 0.3254, 0.3550



24.8483, 0.2871, 0.3255

Rectangle

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



24.8483, 0.2997, 0.3042



24.8483, 0.3242, 0.3153



24.8483, 0.3254, 0.3550



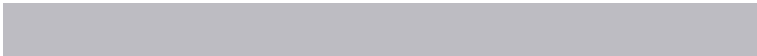
24.8483, 0.3010, 0.3433

Sweetspot

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



24.8493, 0.2997, 0.3042



50.6327, 0.3089, 0.3217



28.6096, 0.2978, 0.3261



11.0490, 0.3079, 0.3199



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.8493, 0.2997, 0.3042



41.7902, 0.2965, 0.2982



25.4854, 0.3075, 0.3048



5.6671, 0.3008, 0.3063



1.9546, 0.1562, 0.0634



0.0309, 0.1820, 0.0776

Inverse Universe

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



25.9542, 0.3159, 0.3083



44.1480, 0.3166, 0.3035



29.2001, 0.3174, 0.3535



5.8963, 0.3156, 0.3100



6.7274, 0.3559, 0.1734



0.0853, 0.3368, 0.1629

Previews

White Background



This preview shows how the Yxy color 24.8483, 0.2997, 0.3042 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 24.8483, 0.2997, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

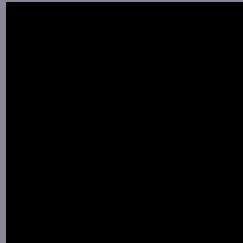
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8483, 0.2997, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 24.8483, 0.2997, 0.3042.



This preview shows how white text looks on a background with the Yxy color 24.8483, 0.2997, 0.3042.

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

24.8483, 0.2997, 0.3042

Protanopia

24.9612, 0.2976, 0.3057

Deuteranopia

24.8167, 0.3062, 0.3013



Tritanopia

24.9179, 0.3026, 0.3123

Trichromacy



Original Color

24.8483, 0.2997, 0.3042

Protanomaly

25.0446, 0.2987, 0.3058

Deuteranomaly

24.9149, 0.3040, 0.3028

Tritanomaly

24.9491, 0.3016, 0.3106

Monochromacy



Original Color

24.8483, 0.2997, 0.3042

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8797, 0.3077, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8483, 0.2997, 0.3042 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(137, 135, 150)` looks like.

```
.text, #text, p{  
    color:rgb(137, 135, 150)  
}
```

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(137, 135, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 135, 150) }
```

Border

The CSS property to change the border of an element to Yxy 24.8483, 0.2997, 0.3042 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(137, 135, 150) }
```

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

```
.border{ border-color:rgb(137, 135, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 135, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 135, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 135, 150);  
box-shadow:4px 4px 4px 4px rgb(137, 135,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8483, 0.2997, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 135, 150) }
```

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

```
.background{ background-color: rgb(137,  
135, 150) }
```

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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