

Converting Colors

$Y_{xy}(25.2018, 0.2981, 0.3041)$

Have a look what the booklet for
Yxy(25.2018, 0.2981, 0.3041)
contains.

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Color

Yxy(25.1610, 0.2987, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	898897
RGB	137, 136, 151
RGB Percent	54%, 53%, 59%
CMY	0.4628, 0.4666, 0.4077
CMYK	0.09, 0.10, 0.00, 0.41
HSL	244°, 7%, 56%
HSV	244°, 10%, 59%
XYZ	24.7061, 25.1610, 32.8449
YIQ	138.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

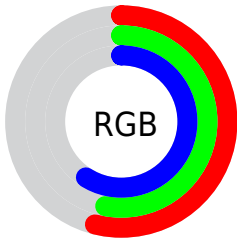
Format	Color
R_{YB}	137, 136, 151
Decimal	9013399
CIE Lab	57.23, 3.44, -7.87
CIE LCh	57, 8.591, 293.633
Yxy	25.1610, 0.2987, 0.3042
Android (android.graphics.Color)	4287203479 (0xFF898897)
YUV	138.0090, 6.4046, -0.8849
Hunter-Lab	50.1607, 0.1368, -3.7102

Details

The Yxy color $25.1610, 0.2987, 0.3042$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.4098, 0.3260, 0.3528$, and the grayscale version is $25.3956, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7501, 0.3016, 0.3093$, and $9.6019, 0.2935, 0.2948$ is the 20% darker color. If you saturate the color by 10%, you get $20.0871, 0.2827, 0.2762$, and if you desaturate by 10%, it is $30.9928, 0.3128, 0.3291$.

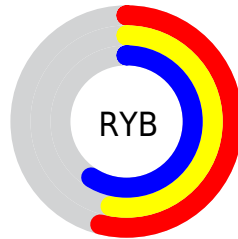
Distribution



Red (54%)

Green (53%)

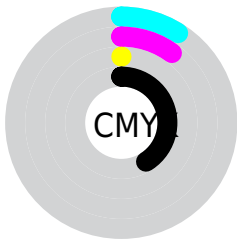
Blue (59%)



Red (54%)

Yellow (53%)

Blue (59%)

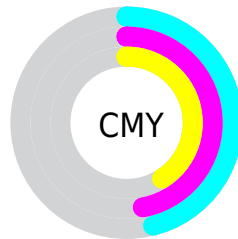


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (41%)



Cyan (46%)

Magenta (47%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1610, 0.2987, 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 25.1610, 0.2987, 0.3042 by changing the saturation by 10% instead.

■ 25.1610, 0.2987,
0.3042

■ 25.1610, 0.2987,
0.3042

278.6388, 0.3065,
0.3177

■ 16.1970, 0.2965,
0.3004

■ 51.9183, 0.3017,
0.3094

■ 9.6637, 0.2934,
0.2952

■ 70.4804, 0.3028,
0.3113

■ 5.1766, 0.2889,
0.2877

■ 93.0107, 0.3037,
0.3128

■ 2.3512, 0.2818,
0.2760

119.8936, 0.3044,
0.3141

■ 0.8006, 0.2688,
0.2547

151.5135, 0.3050,
0.3152

■ 0.0000, 0.0000,
0.0000

188.2547, 0.3056,

0.3162

230.5017, 0.3060,
0.3170

■ 25.1610, 0.2987,
0.3042

■ 25.1610, 0.2987,
0.3042

■ 20.0871, 0.2827,
0.2762

■ 30.9928, 0.3128,
0.3291

■ 15.7368, 0.2649,
0.2453

■ 37.6083, 0.3250,
0.3510

■ 12.0781, 0.2455,
0.2121

■ 45.0363, 0.3356,
0.3700

■ 9.0755, 0.2254,
0.1779

■ 53.3030, 0.3447,
0.3865

■ 6.6899, 0.2053,
0.1446

■ 62.4336, 0.3525,
0.4008

■ 4.8786, 0.1868,
0.1144

■ 72.4521, 0.3591,
0.4131

■ 3.5929, 0.1713,
0.0896

■ 83.3815, 0.3649,
0.4237

■ 2.7764, 0.1598,
0.0723

■ 94.0712, 0.3704,
0.4315

■ 2.3008, 0.1526,
0.0614

■ 95.0153, 0.3739,
0.4302

Harmonies

Analogous

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



25.1610, 0.2883, 0.3061



25.1610, 0.2987, 0.3042



25.1610, 0.3130, 0.3086

Triad

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



25.1610, 0.2987, 0.3042



25.1610, 0.3419, 0.3429



25.1610, 0.2978, 0.3402

Complementary

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



25.1610, 0.2987, 0.3042



30.4098, 0.3260, 0.3528

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.



25.1610, 0.3119, 0.3507



25.1610, 0.2987, 0.3042



25.1610, 0.3375, 0.3519

Square

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



25.1610, 0.2987, 0.3042



25.1610, 0.3382, 0.3305



25.1610, 0.3264, 0.3549



25.1610, 0.2878, 0.3266

Rectangle

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



25.1610, 0.2987, 0.3042



25.1610, 0.3230, 0.3145



25.1610, 0.3264, 0.3549



25.1610, 0.3022, 0.3442

Sweetspot

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



25.1621, 0.2987, 0.3042



52.0837, 0.3086, 0.3217



29.3718, 0.2979, 0.3277



11.6514, 0.3075, 0.3198



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.



25.1621, 0.2987, 0.3042



42.8427, 0.2952, 0.2981



25.7988, 0.3065, 0.3048



6.0445, 0.2998, 0.3061



1.9596, 0.1528, 0.0615



0.0338, 0.1662, 0.0689

Inverse Universe

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



26.3958, 0.3148, 0.3068



45.5206, 0.3153, 0.3016



29.7394, 0.3185, 0.3533



6.3167, 0.3147, 0.3085



7.2396, 0.3375, 0.1633



0.1100, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 25.1610, 0.2987, 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 25.1610, 0.2987, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

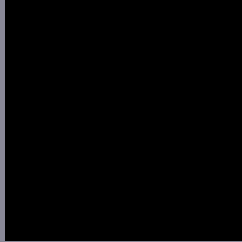
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

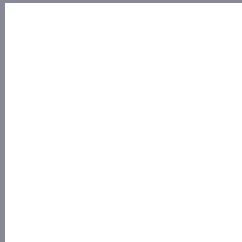
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1610, 0.2987, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 25.1610, 0.2987, 0.3042.

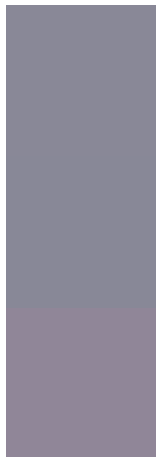


This preview shows how white text looks on a background with the Yxy color 25.1610, 0.2987, 0.3042.

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

25.1610, 0.2987, 0.3042

Protanopia

25.0769, 0.2977, 0.3042

Deuteranopia

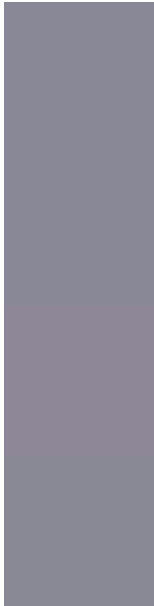
25.2465, 0.3053, 0.3000



Tritanopia

25.2321, 0.3016, 0.3123

Trichromacy



Original Color

25.1610, 0.2987, 0.3042

Protanomaly

25.0769, 0.2977, 0.3042

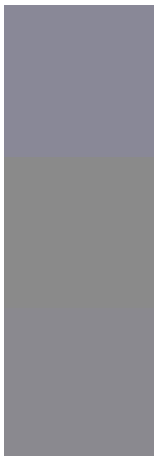
Deuteranomaly

25.2577, 0.3020, 0.3013

Tritanomaly

25.2637, 0.3006, 0.3107

Monochromacy



Original Color

25.1610, 0.2987, 0.3042

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.2778, 0.3077, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1610, 0.2987, 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, 136, 151)` looks like.

```
.text, #text, p{  
    color:rgb(137, 136, 151)  
}
```

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, 136, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 136, 151) }
```

Border

The CSS property to change the border of an element to Yxy 25.1610, 0.2987, 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, 136, 151) }
```

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

```
.border{ border-color:rgb(137, 136, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 136, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 136, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 136, 151);  
box-shadow:4px 4px 4px 4px rgb(137, 136,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1610, 0.2987, 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, 136, 151) }
```

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

```
.background{ background-color: rgb(137,  
136, 151) }
```

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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