

Converting Colors

$Y_{xy}(23.4062, 0.3150, 0.2961)$

Have a look what the booklet for
Yxy(23.4062, 0.3150, 0.2961)
contains.

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Color

Yxy(23.4884, 0.3142, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	937F93
RGB	147, 127, 147
RGB Percent	58%, 50%, 58%
CMY	0.4237, 0.5019, 0.4236
CMYK	0.00, 0.14, 0.00, 0.42
HSL	300°, 8%, 54%
HSV	300°, 14%, 58%
XYZ	24.8822, 23.4884, 30.8216
YIQ	135.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

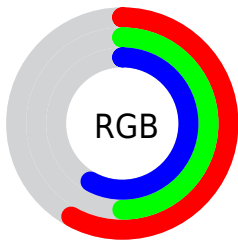
Format	Color
R_{YB}	147, 127, 147
Decimal	9666451
CIE Lab	55.57, 11.36, -7.92
CIE LCh	56, 13.844, 325.108
Yxy	23.4884, 0.3142, 0.2966
Android (android.graphics.Color)	4287856531 (0xFF937F93)
YUV	135.2600, 5.7878, 10.2960
Hunter-Lab	48.4648, 6.8297, -3.7806

Details

The Yxy color $23.4884, 0.3142, 0.2966$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.9131, 0.3111, 0.3637$, and the grayscale version is $24.3056, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.2771, 0.3139, 0.3036$, and $8.7801, 0.3147, 0.2861$ is the 20% darker color. If you saturate the color by 10%, you get $19.9627, 0.3153, 0.2723$, and if you desaturate by 10%, it is $27.5701, 0.3131, 0.3206$.

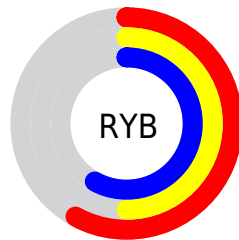
Distribution



Red (58%)

Green (50%)

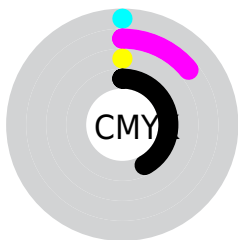
Blue (58%)



Red (58%)

Yellow (50%)

Blue (58%)

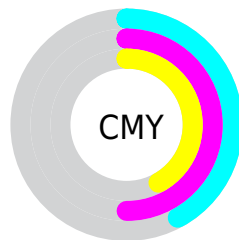


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (42%)



Cyan (42%)


Magenta (50%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4884, 0.3142, 0.2966 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 23.4884, 0.3142, 0.2966 by changing the saturation by 10% instead.


 23.4884, 0.3142,
0.2966


 23.4884, 0.3142,
0.2966


270.2237, 0.3135,
0.3143


 14.9546, 0.3143,
0.2916


 49.1940, 0.3140,
0.3034

 8.7875, 0.3144,
0.2849


 67.1346, 0.3139,
0.3058

 4.6028, 0.3145,
0.2752

 88.9796, 0.3138,
0.3079

 2.0162, 0.3144,
0.2601

115.1133, 0.3138,
0.3095

 0.6168, 0.3164,
0.2259

145.9202, 0.3137,
0.3110

 0.0000, 0.0000,
0.0000

181.7846, 0.3136,

0.3122

223.0910, 0.3136,
0.3133

■ 23.4884, 0.3142,
0.2966

■ 23.4884, 0.3142,
0.2966

■ 19.9627, 0.3153,
0.2723

■ 27.5701, 0.3131,
0.3206

■ 16.9661, 0.3164,
0.2483

■ 32.2272, 0.3120,
0.3437

■ 14.4739, 0.3174,
0.2256

■ 37.4819, 0.3110,
0.3656

■ 12.4584, 0.3184,
0.2049

■ 43.3543, 0.3101,
0.3860

■ 10.8893, 0.3191,
0.1872

■ 49.8636, 0.3092,
0.4048

■ 9.7324, 0.3198,
0.1730

■ 57.0282, 0.3084,
0.4221

■ 8.9492, 0.3202,
0.1629

■ 64.8656, 0.3077,
0.4378

■ 8.4932, 0.3204,
0.1568

■ 73.3928, 0.3070,
0.4520

■ 8.2872, 0.3205,
0.1539

■ 79.8446, 0.3066,
0.4611

Harmonies

Analogous

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



23.4884, 0.2906, 0.2889



23.4884, 0.3142, 0.2966



23.4884, 0.3382, 0.3121

Triad

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



23.4884, 0.3142, 0.2966



23.4884, 0.3529, 0.3671



23.4884, 0.2715, 0.3235

Complementary

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



23.4884, 0.3142, 0.2966



26.9131, 0.3111, 0.3637

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.



23.4884, 0.2871, 0.3464



23.4884, 0.3142, 0.2966



23.4884, 0.3339, 0.3722

Square

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



23.4884, 0.3142, 0.2966



23.4884, 0.3610, 0.3520



23.4884, 0.3098, 0.3647



23.4884, 0.2666, 0.3033

Rectangle

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



23.4884, 0.3142, 0.2966



23.4884, 0.3510, 0.3251



23.4884, 0.3098, 0.3647



23.4884, 0.2756, 0.3312

Sweetspot

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



23.4894, 0.3142, 0.2966



48.9949, 0.3132, 0.3194



21.8899, 0.2917, 0.2949



11.0605, 0.3132, 0.3178



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.



23.4894, 0.3142, 0.2966



40.2428, 0.3145, 0.2899



23.2019, 0.3249, 0.3120



5.9087, 0.3137, 0.3072



7.1858, 0.3205, 0.1539



0.0881, 0.3207, 0.1541

Inverse Universe

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



22.9197, 0.3367, 0.3290



39.0389, 0.3425, 0.3290



27.1746, 0.3021, 0.3466



5.8155, 0.3282, 0.3290



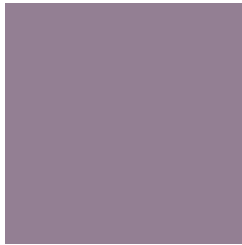
5.3782, 0.6398, 0.3298



0.0659, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 23.4884, 0.3142, 0.2966 looks on a white background.

Color Contrast Check

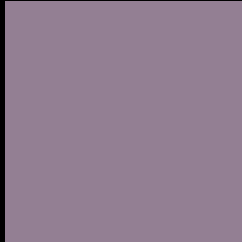
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4884, 0.3142, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

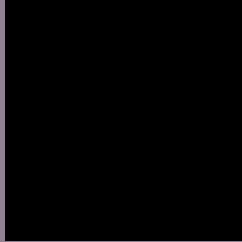
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4884, 0.3142, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 23.4884, 0.3142, 0.2966.



This preview shows how white text looks on a background with the Yxy color 23.4884, 0.3142, 0.2966.

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

23.4884, 0.3142, 0.2966

Protanopia

23.5298, 0.2933, 0.2985

Deuteranopia

23.6160, 0.3072, 0.3024



Tritanopia

23.4134, 0.3218, 0.3109

Trichromacy



Original Color

23.4884, 0.3142, 0.2966

Protanomaly

23.4536, 0.3007, 0.2973

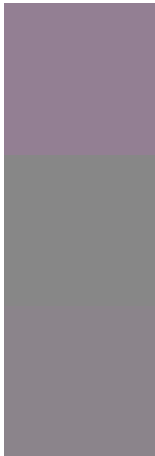
Deuteranomaly

23.6155, 0.3106, 0.3010

Tritanomaly

23.5023, 0.3184, 0.3060

Monochromacy



Original Color

23.4884, 0.3142, 0.2966

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.8556, 0.3133, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4884, 0.3142, 0.2966 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, 127, 147)` looks like.

```
.text, #text, p{  
    color:rgb(147, 127, 147)  
}
```

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, 127, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 127, 147) }
```

Border

The CSS property to change the border of an element to Yxy 23.4884, 0.3142, 0.2966 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, 127, 147) }
```

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

```
.border{ border-color:rgb(147, 127, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 127, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 127, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 127, 147);  
box-shadow:4px 4px 4px 4px rgb(147, 127,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4884, 0.3142, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 127, 147) }
```

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

```
.background{ background-color: rgb(147,  
127, 147) }
```

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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