

Converting Colors

$Y_{xy}(12.0087, 0.2980, 0.2892)$

Have a look what the booklet for
Yxy(12.0087, 0.2980, 0.2892)
contains.

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Color

Yxy(11.9420, 0.2982, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	655E70
RGB	101, 94, 112
RGB Percent	40%, 37%, 44%
CMY	0.6040, 0.6313, 0.5608
CMYK	0.10, 0.16, 0.00, 0.56
HSL	263°, 9%, 40%
HSV	263°, 16%, 44%
XYZ	12.2924, 11.9420, 16.9876
YIQ	98.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

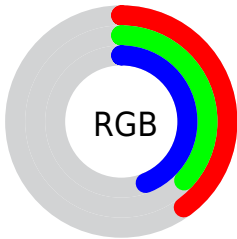
Format	Color
R_{YB}	101, 94, 112
Decimal	6643312
CIE Lab	41.12, 6.63, -9.18
CIE LCh	41, 11.323, 305.843
Yxy	11.9420, 0.2982, 0.2897
Android (android.graphics.Color)	4284833392 (0xFF655E70)
YUV	98.1450, 6.8305, 2.5038
Hunter-Lab	34.5572, 3.0194, -4.9556

Details

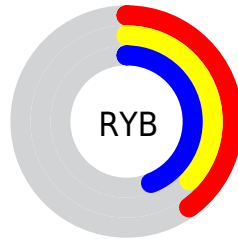
The Yxy color **11.9420, 0.2982, 0.2897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4032, 0.3257, 0.3677**, and the grayscale version is **12.2347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.3023, 0.3018, 0.2986**, and **3.2683, 0.2903, 0.2708** is the 20% darker color. If you saturate the color by 10%, you get **9.7130, 0.2874, 0.2626**, and if you desaturate by 10%, it is **14.4942, 0.3076, 0.3148**.

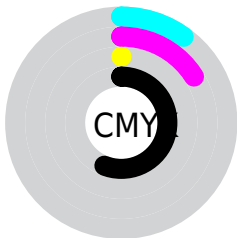
Distribution



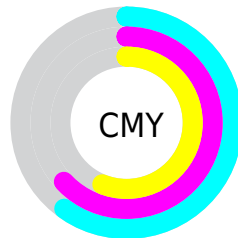
- Red (40%)
- Green (37%)
- Blue (44%)



- Red (40%)
- Yellow (37%)
- Blue (44%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.9420, 0.2982, 0.2897 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 11.9420, 0.2982, 0.2897 by changing the saturation by 10% instead.

■ 11.9420, 0.2982,
0.2897

■ 11.9420, 0.2982,
0.2897

204.0209, 0.3072,
0.3133

■ 6.7042, 0.2950,
0.2819

■ 29.3894, 0.3021,
0.2995

■ 3.2778, 0.2901,
0.2702

■ 42.3678, 0.3033,
0.3028

■ 1.2784, 0.2814,
0.2509

■ 58.6952, 0.3043,
0.3054

■ 0.1244, 0.2370,
0.1053

■ 78.7560, 0.3051,
0.3076

■ 0.0000, 0.0000,
0.0000

102.9346, 0.3058,
0.3094

131.6153, 0.3063,

0.3109

165.1827, 0.3068,
0.3122

■ 11.9420, 0.2982,
0.2897

■ 11.9420, 0.2982,
0.2897

■ 9.7130, 0.2874,
0.2626

■ 14.4942, 0.3076,
0.3148

■ 7.7926, 0.2753,
0.2339

■ 17.3805, 0.3158,
0.3378

■ 6.1670, 0.2619,
0.2044

■ 20.6132, 0.3227,
0.3585

■ 4.8210, 0.2476,
0.1750

■ 24.2035, 0.3287,
0.3771

■ 3.7379, 0.2328,
0.1472

■ 28.1620, 0.3337,
0.3936

■ 2.8993, 0.2180,
0.1224

■ 32.4990, 0.3379,
0.4084

■ 2.2840, 0.2041,
0.1020

■ 37.2243, 0.3415,
0.4215

■ 1.8480, 0.1915,
0.0863

■ 42.3473, 0.3445,
0.4332

■ 1.6915, 0.1868,
0.0803

■ 47.8772, 0.3470,
0.4436

Harmonies

Analogous

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



11.9420, 0.2777, 0.2881



11.9420, 0.2982, 0.2897



11.9420, 0.3234, 0.3007

Triad

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



11.9420, 0.2982, 0.2897



11.9420, 0.3608, 0.3589



11.9420, 0.2796, 0.3386

Complementary

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



11.9420, 0.2982, 0.2897



15.4032, 0.3257, 0.3677

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.



11.9420, 0.3009, 0.3600



11.9420, 0.2982, 0.2897



11.9420, 0.3479, 0.3713

Square

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



11.9420, 0.2982, 0.2897



11.9420, 0.3603, 0.3397



11.9420, 0.3258, 0.3721



11.9420, 0.2674, 0.3153

Rectangle

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



11.9420, 0.2982, 0.2897



11.9420, 0.3394, 0.3121



11.9420, 0.3258, 0.3721



11.9420, 0.2859, 0.3463

Sweetspot

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



11.9425, 0.2982, 0.2897



25.9094, 0.3084, 0.3171



13.6751, 0.2892, 0.3138



6.1617, 0.3080, 0.3158



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.9425, 0.2982, 0.2897



19.5717, 0.2947, 0.2806



12.4860, 0.3113, 0.2913



3.3576, 0.3050, 0.3077



1.9427, 0.1861, 0.0799



9.2114, 0.1807, 0.0769

Inverse Universe

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



12.4729, 0.3245, 0.3057



20.6854, 0.3274, 0.3006



14.8904, 0.3136, 0.3691



3.4326, 0.3189, 0.3162



4.4693, 0.4430, 0.2214



22.0911, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 11.9420, 0.2982, 0.2897 looks on a white 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

Black Background



This preview shows how the Yxy color 11.9420, 0.2982, 0.2897 looks on a black 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

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

Yxy 11.9420, 0.2982, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 11.9420, 0.2982, 0.2897.



This preview shows how white text looks on a background with the Yxy color 11.9420, 0.2982, 0.2897.

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

11.9420, 0.2982, 0.2897

Protanopia

11.9377, 0.2871, 0.2910

Deuteranopia

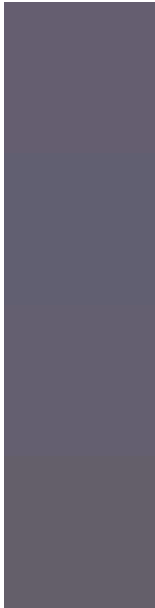
12.0069, 0.2954, 0.2916



Tritanopia

12.0543, 0.3090, 0.3133

Trichromacy



Original Color

11.9420, 0.2982, 0.2897

Protanomaly

11.9181, 0.2912, 0.2892

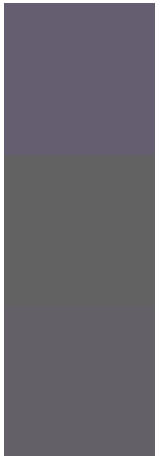
Deuteranomaly

12.0636, 0.2968, 0.2918

Tritanomaly

11.9344, 0.3049, 0.3045

Monochromacy



Original Color

11.9420, 0.2982, 0.2897

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.1813, 0.3074, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9420, 0.2982, 0.2897 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(101, 94, 112)` looks like.

```
.text, #text, p{  
    color:rgb(101, 94, 112)  
}
```

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(101, 94, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 94, 112) }
```

Border

The CSS property to change the border of an element to Yxy 11.9420, 0.2982, 0.2897 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(101, 94, 112) }
```

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

```
.border{ border-color:rgb(101, 94, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 94, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 94, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 94, 112);  
box-shadow:4px 4px 4px 4px rgb(101, 94,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9420, 0.2982, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 94, 112) }
```

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

```
.background{ background-color: rgb(101, 94,  
112) }
```

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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