

Converting Colors

$Y_{xy}(11.6454, 0.3086, 0.2814)$

Have a look what the booklet for
Yxy(11.6454, 0.3086, 0.2814)
contains.

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Color

Yxy(11.6703, 0.3088, 0.2823)

Conversions

Conversions Part 1

Format	Color
Hex	6C5A70
RGB	108, 90, 112
RGB Percent	42%, 35%, 44%
CMY	0.5764, 0.6471, 0.5608
CMYK	0.04, 0.20, 0.00, 0.56
HSL	289°, 11%, 40%
HSV	289°, 20%, 44%
XYZ	12.7658, 11.6703, 16.9040
YIQ	97.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

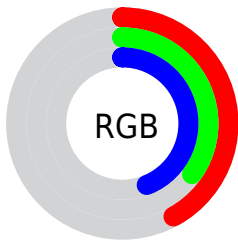
Format	Color
R_{YB}	108, 90, 112
Decimal	7101040
CIE Lab	40.69, 11.72, -9.75
CIE LCh	41, 15.246, 320.223
Yxy	11.6703, 0.3088, 0.2823
Android (android.graphics.Color)	4285291120 (0xFF6C5A70)
YUV	97.8900, 6.9562, 8.8665
Hunter-Lab	34.1618, 6.9199, -5.4246

Details

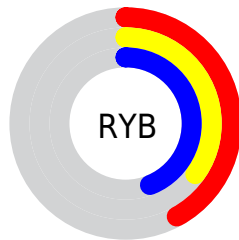
The Yxy color **11.6703, 0.3088, 0.2823** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7007, 0.3156, 0.3787**, and the grayscale version is **12.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9101, 0.3102, 0.2933**, and **3.1322, 0.3054, 0.2592** is the 20% darker color. If you saturate the color by 10%, you get **9.7967, 0.3062, 0.2575**, and if you desaturate by 10%, it is **13.8325, 0.3110, 0.3066**.

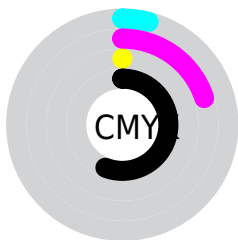
Distribution



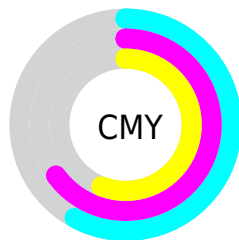
- Red (42%)
- Green (35%)
- Blue (44%)



- Red (42%)
- Yellow (35%)
- Blue (44%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (56%)





- Cyan (58%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6703, 0.3088, 0.2823 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 11.6703, 0.3088, 0.2823 by changing the saturation by 10% instead.


 11.6703, 0.3088,
0.2823


 11.6703, 0.3088,
0.2823

202.2102, 0.3115,
0.3102


 6.5196, 0.3077,
0.2732


 28.8932, 0.3101,
0.2938


 3.1635, 0.3058,
0.2596

 41.7342, 0.3104,
0.2977

 1.2177, 0.3020,
0.2375

 57.9073, 0.3107,
0.3008

 0.0761, 0.2988,
0.0634

 77.7971, 0.3109,
0.3034

 0.0000, 0.0000,
0.0000

 101.7879, 0.3111,
0.3055

130.2641, 0.3113,

0.3073

163.6100, 0.3114,
0.3088

■ 11.6703, 0.3088,
0.2823

■ 11.6703, 0.3088,
0.2823

■ 9.7967, 0.3062,
0.2575

■ 13.8325, 0.3110,
0.3066

■ 8.1974, 0.3031,
0.2328

■ 16.2938, 0.3128,
0.3298

■ 6.8593, 0.2996,
0.2090

■ 19.0658, 0.3142,
0.3517

■ 5.7676, 0.2956,
0.1870

■ 22.1592, 0.3153,
0.3721

■ 4.9059, 0.2914,
0.1677

■ 25.5841, 0.3161,
0.3909

■ 4.2558, 0.2869,
0.1519

■ 29.3503, 0.3167,
0.4081

■ 3.7961, 0.2824,
0.1401

■ 33.4671, 0.3171,
0.4238

■ 3.4462, 0.2778,
0.1307

■ 37.9433, 0.3174,
0.4379

■ 3.4335, 0.2776,
0.1303

■ 42.7876, 0.3175,
0.4508

Harmonies

Analogous

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



11.6703, 0.2773, 0.2737



11.6703, 0.3088, 0.2823



11.6703, 0.3430, 0.3017

Triad

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



11.6703, 0.3088, 0.2823



11.6703, 0.3715, 0.3787



11.6703, 0.2585, 0.3260

Complementary

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



11.6703, 0.3088, 0.2823



14.7007, 0.3156, 0.3787

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.



11.6703, 0.2816, 0.3584



11.6703, 0.3088, 0.2823



11.6703, 0.3467, 0.3895

Square

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



11.6703, 0.3088, 0.2823



11.6703, 0.3802, 0.3557



11.6703, 0.3137, 0.3825



11.6703, 0.2496, 0.2967

Rectangle

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



11.6703, 0.3088, 0.2823



11.6703, 0.3623, 0.3187



11.6703, 0.3137, 0.3825



11.6703, 0.2648, 0.3370

Sweetspot

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



11.6708, 0.3088, 0.2823



25.7504, 0.3117, 0.3148



11.3537, 0.2827, 0.2880



6.1393, 0.3116, 0.3137



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.



11.6708, 0.3088, 0.2823



18.8017, 0.3075, 0.2699



11.7761, 0.3252, 0.2972



3.4245, 0.3111, 0.3081



3.9618, 0.2773, 0.1301



19.3949, 0.2748, 0.1288

Inverse Universe

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



11.5633, 0.3424, 0.3205



18.5830, 0.3521, 0.3182



14.6206, 0.3021, 0.3631



3.4104, 0.3249, 0.3252



4.0388, 0.6046, 0.3104



20.0244, 0.6160, 0.3167

Previews

White Background



This preview shows how the Yxy color 11.6703, 0.3088, 0.2823 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 11.6703, 0.3088, 0.2823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

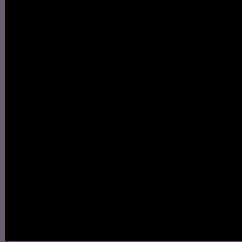
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6703, 0.3088, 0.2823

Background



This preview shows how black text looks on a background with the Yxy color 11.6703, 0.3088, 0.2823.



This preview shows how white text looks on a background with the Yxy color 11.6703, 0.3088, 0.2823.

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

11.6703, 0.3088, 0.2823

Protanopia

11.6975, 0.2818, 0.2842

Deuteranopia

11.7498, 0.2952, 0.2913



Tritanopia

11.6193, 0.3245, 0.3136

Trichromacy



Original Color

11.6703, 0.3088, 0.2823

Protanomaly

11.6403, 0.2912, 0.2828

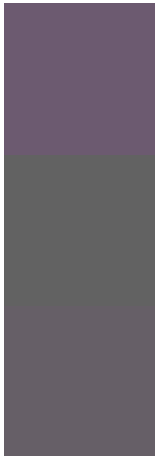
Deuteranomaly

11.8012, 0.3010, 0.2897

Tritanomaly

11.6074, 0.3187, 0.3007

Monochromacy



Original Color

11.6703, 0.3088, 0.2823

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.9885, 0.3120, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6703, 0.3088, 0.2823 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(108, 90, 112)` looks like.

```
.text, #text, p{  
    color:rgb(108, 90, 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(108, 90, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 90, 112) }
```

Border

The CSS property to change the border of an element to Yxy 11.6703, 0.3088, 0.2823 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(108, 90, 112) }
```

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

```
.border{ border-color:rgb(108, 90, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 90, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 90, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 90, 112);  
box-shadow:4px 4px 4px 4px rgb(108, 90,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6703, 0.3088, 0.2823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 90, 112) }
```

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

```
.background{ background-color: rgb(108, 90,  
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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