

Converting Colors

$Y_{xy}(12.1421, 0.3566, 0.3595)$

Have a look what the booklet for
Yxy(12.1421, 0.3566, 0.3595)
contains.

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Color

Yxy(12.0935, 0.3575, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	6E5F51
RGB	110, 95, 81
RGB Percent	43%, 37%, 32%
CMY	0.5687, 0.6274, 0.6824
CMYK	0.00, 0.14, 0.26, 0.57
HSL	29°, 15%, 37%
HSV	29°, 26%, 43%
XYZ	12.0062, 12.0935, 9.4840
YIQ	97.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

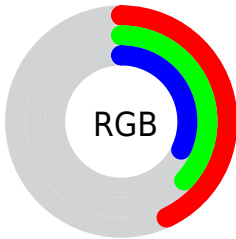
Format	Color
R_{YB}	110, 108, 81
Decimal	7233361
CIE _{Lab}	41.36, 3.62, 10.25
CIE _{LCh}	41, 10.867, 70.566
Yxy	12.0935, 0.3575, 0.3601
Android (android.graphics.Color)	4285423441 (0xFF6E5F51)
YUV	97.8890, -8.3263, 10.6213
Hunter-Lab	34.7757, 0.7690, 8.1734

Details

The Yxy color **12.0935, 0.3575, 0.3601** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2342, 0.2734, 0.2957**, and the grayscale version is **12.2034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5439, 0.3463, 0.3522**, and **3.3481, 0.3829, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **10.9556, 0.3786, 0.3725**, and if you desaturate by 10%, it is **13.3339, 0.3387, 0.3479**.

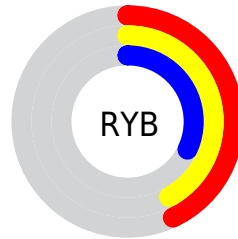
Distribution



Red (43%)

Green (37%)

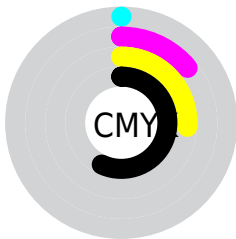
Blue (32%)



Red (43%)

Yellow (42%)

Blue (32%)

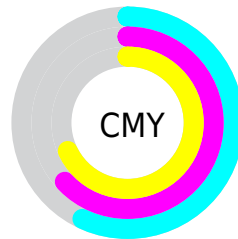


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (57%)



Cyan (57%)


Magenta (63%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.0935, 0.3575, 0.3601 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 12.0935, 0.3575, 0.3601 by changing the saturation by 10% instead.


 12.0935, 0.3575,
0.3601


 12.0935, 0.3575,
0.3601


205.0233, 0.3301,
0.3414


 6.8074, 0.3670,
0.3663


 29.6653, 0.3459,
0.3523


 3.3419, 0.3814,
0.3755

 42.7197, 0.3421,
0.3497


 1.3127, 0.4100,
0.3940

 59.1324, 0.3390,
0.3476

 0.1510, 0.6055,
0.3945

 79.2878, 0.3366,
0.3459

 0.0000, 0.0000,
0.0000

 103.5701, 0.3345,
0.3445

132.3639, 0.3328,

0.3433

166.0535, 0.3313,
0.3423

■ 12.0935, 0.3575,
0.3601

■ 12.0935, 0.3575,
0.3601

■ 10.9556, 0.3786,
0.3725

■ 13.3339, 0.3387,
0.3479

■ 9.9157, 0.4019,
0.3846

■ 14.6778, 0.3222,
0.3361

■ 8.9713, 0.4271,
0.3957

■ 16.1285, 0.3077,
0.3251

■ 8.1192, 0.4537,
0.4048

■ 17.6885, 0.2949,
0.3147

■ 7.3560, 0.4804,
0.4110

■ 19.3601, 0.2838,
0.3052

■ 6.6778, 0.5059,
0.4131

■ 21.1458, 0.2741,
0.2964

■ 6.0782, 0.5296,
0.4112

■ 23.0477, 0.2656,
0.2883

■ 5.8763, 0.5386,
0.4105

■ 25.0680, 0.2581,
0.2809

■ 27.2090, 0.2515,
0.2741

Harmonies

Analogous

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



12.0935, 0.3591, 0.3424



12.0935, 0.3575, 0.3601



12.0935, 0.3435, 0.3703

Triad

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



12.0935, 0.3575, 0.3601



12.0935, 0.2786, 0.3346



12.0935, 0.3025, 0.2925

Complementary

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



12.0935, 0.3575, 0.3601



11.2342, 0.2734, 0.2957

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.



12.0935, 0.2818, 0.2895



12.0935, 0.3575, 0.3601



12.0935, 0.2684, 0.3127

Square

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



12.0935, 0.3575, 0.3601



12.0935, 0.2978, 0.3558



12.0935, 0.2696, 0.2965



12.0935, 0.3267, 0.3043

Rectangle

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



12.0935, 0.3575, 0.3601



12.0935, 0.3294, 0.3709



12.0935, 0.2696, 0.2965



12.0935, 0.2949, 0.2904

Sweetspot

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



12.0941, 0.3575, 0.3601



25.3334, 0.3251, 0.3383



10.0415, 0.3385, 0.2961



5.8274, 0.3270, 0.3397



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



12.0941, 0.3575, 0.3601



19.9273, 0.3709, 0.3682



14.9528, 0.3504, 0.3899



3.6429, 0.3264, 0.3392



7.0028, 0.5400, 0.4095



33.1716, 0.5483, 0.4028

Inverse Universe

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



11.2342, 0.2734, 0.2957



18.1279, 0.2634, 0.2862



8.8299, 0.2703, 0.2598



3.5588, 0.2996, 0.3186



4.7875, 0.1804, 0.1694



22.1137, 0.1779, 0.1604

Previews

White Background



This preview shows how the Yxy color 12.0935, 0.3575, 0.3601 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 12.0935, 0.3575, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

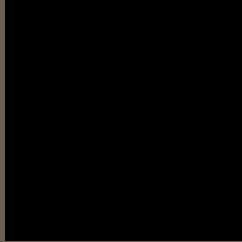
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.0935, 0.3575, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 12.0935, 0.3575, 0.3601.

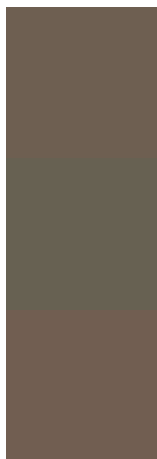


This preview shows how white text looks on a background with the Yxy color 12.0935, 0.3575, 0.3601.

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

12.0935, 0.3575, 0.3601

Protanopia

12.0421, 0.3437, 0.3634

Deuteranopia

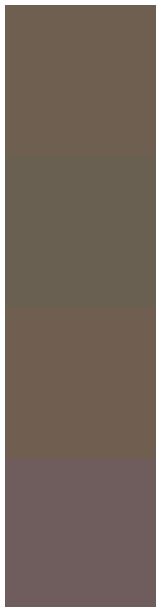
12.1102, 0.3630, 0.3574



Tritanopia

12.0191, 0.3325, 0.3119

Trichromacy



Original Color

12.0935, 0.3575, 0.3601

Protanomaly

12.0391, 0.3490, 0.3607

Deuteranomaly

12.0442, 0.3613, 0.3576

Tritanomaly

11.9985, 0.3414, 0.3291

Monochromacy



Original Color

12.0935, 0.3575, 0.3601

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.1469, 0.3275, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.0935, 0.3575, 0.3601 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(110, 95, 81)` looks like.

```
.text, #text, p{  
    color:rgb(110, 95, 81)  
}
```

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(110, 95, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 95, 81) }
```

Border

The CSS property to change the border of an element to Yxy 12.0935, 0.3575, 0.3601 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(110, 95, 81) }
```

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

```
.border{ border-color:rgb(110, 95, 81) }
```

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

Here you see how a box with a 4 pixel rgb(110, 95, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 95, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 95, 81);  
box-shadow:4px 4px 4px 4px rgb(110, 95,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 12.0935, 0.3575, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 95, 81) }
```

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

```
.background{ background-color: rgb(110, 95,  
81) }
```

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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