

Converting Colors

$Y_{xy}(29.1774, 0.3472, 0.3482)$

Have a look what the booklet for
Yxy(29.1774, 0.3472, 0.3482)
contains.

Yxy(29.0701, 0.3470, 0.3475)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.0701, 0.3470, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	A38F83
RGB	163, 143, 131
RGB Percent	64%, 56%, 51%
CMY	0.3607, 0.4392, 0.4862
CMYK	0.00, 0.12, 0.20, 0.36
HSL	22°, 15%, 58%
HSV	22°, 20%, 64%
XYZ	29.0283, 29.0701, 25.5566
YIQ	147.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

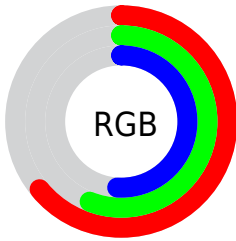
Format	Color
R_{YB}	163, 150, 131
Decimal	10719107
CIE _{Lab}	60.84, 5.49, 9.12
CIE _{LCh}	61, 10.646, 58.927
Yxy	29.0701, 0.3470, 0.3475
Android (android.graphics.Color)	4288909187 (0xFFA38F83)
YUV	147.6120, -8.1897, 13.4953
Hunter-Lab	53.9167, 1.7486, 9.6381

Details

The Yxy color $29.0701, 0.3470, 0.3475$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.6192, 0.2829, 0.3097$, and the grayscale version is $29.4762, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2986, 0.3396, 0.3442$, and $11.8174, 0.3586, 0.3534$ is the 20% darker color. If you saturate the color by 10%, you get $25.7388, 0.3688, 0.3576$, and if you desaturate by 10%, it is $32.7522, 0.3282, 0.3378$.

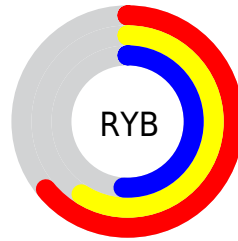
Distribution



Red (64%)

Green (56%)

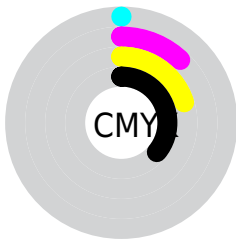
Blue (51%)



Red (64%)

Yellow (59%)

Blue (51%)

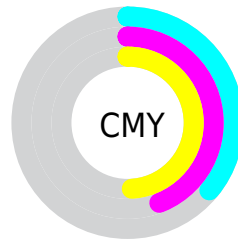


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (36%)



Cyan (36%)


Magenta (44%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0701, 0.3470, 0.3475 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 29.0701, 0.3470, 0.3475 by changing the saturation by 10% instead.


 29.0701, 0.3470,
0.3475


 29.0701, 0.3470,
0.3475


297.5456, 0.3284,
0.3377


 19.1339, 0.3522,
0.3501


 58.1884, 0.3399,
0.3438

 11.7670, 0.3592,
0.3536


 78.1393, 0.3373,
0.3425

 6.5853, 0.3692,
0.3584


 102.1972, 0.3352,
0.3414

 3.2041, 0.3846,
0.3654

130.7465, 0.3334,
0.3404

 1.2392, 0.4149,
0.3798

164.1716, 0.3319,
0.3396

 0.0934, 0.7048,
0.2952

202.8569, 0.3306,

 0.0000, 0.0000,

0.3389

0.0000

247.1867, 0.3294,
0.3383

■ 29.0701, 0.3470,
0.3475

■ 29.0701, 0.3470,
0.3475

■ 25.7388, 0.3688,
0.3576

■ 32.7522, 0.3282,
0.3378

■ 22.7436, 0.3938,
0.3676

■ 36.7912, 0.3122,
0.3287

■ 20.0747, 0.4221,
0.3770

■ 41.1982, 0.2984,
0.3202

■ 17.7203, 0.4532,
0.3850

■ 45.9825, 0.2867,
0.3124

■ 15.6675, 0.4860,
0.3905

■ 51.1531, 0.2766,
0.3053

■ 13.9027, 0.5186,
0.3921

■ 56.7185, 0.2679,
0.2987

■ 12.4108, 0.5484,
0.3889

■ 62.6872, 0.2604,
0.2928

■ 11.1694, 0.5743,
0.3817

■ 68.6461, 0.2571,
0.2942

■ 11.1289, 0.5752,
0.3815

■ 74.3148, 0.2587,
0.3061

Harmonies

Analogous

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



29.0701, 0.3444, 0.3334



29.0701, 0.3470, 0.3475



29.0701, 0.3402, 0.3573

Triad

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



29.0701, 0.3470, 0.3475



29.0701, 0.2925, 0.3395



29.0701, 0.2989, 0.3002

Complementary

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



29.0701, 0.3470, 0.3475



29.6192, 0.2829, 0.3097

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.



29.0701, 0.2856, 0.3011



29.0701, 0.3470, 0.3475



29.0701, 0.2821, 0.3233

Square

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



29.0701, 0.3470, 0.3475



29.0701, 0.3085, 0.3530



29.0701, 0.2796, 0.3093



29.0701, 0.3162, 0.3066

Rectangle

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



29.0701, 0.3470, 0.3475



29.0701, 0.3313, 0.3597



29.0701, 0.2796, 0.3093



29.0701, 0.2938, 0.2997

Sweetspot

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



29.0714, 0.3470, 0.3475



61.1114, 0.3223, 0.3345



26.2684, 0.3275, 0.2983



13.6277, 0.3233, 0.3351



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.0714, 0.3470, 0.3475



49.1012, 0.3571, 0.3523



34.1424, 0.3427, 0.3707



7.5001, 0.3276, 0.3375



8.7272, 0.5736, 0.3828



0.2722, 0.5090, 0.4341

Inverse Universe

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



29.6192, 0.2829, 0.3097



50.2782, 0.2755, 0.3045



24.8771, 0.2813, 0.2836



7.5635, 0.2987, 0.3204



9.5289, 0.1900, 0.2040



0.2864, 0.2041, 0.2546

Previews

White Background



This preview shows how the Yxy color 29.0701, 0.3470, 0.3475 looks on a white background.

Color Contrast Check

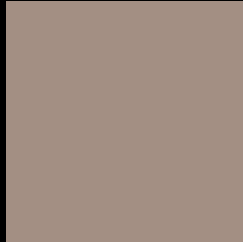
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0701, 0.3470, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

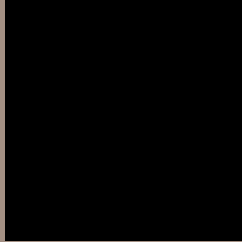
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

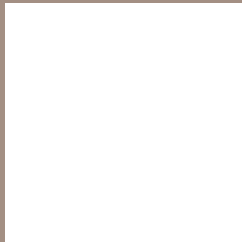
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.0701, 0.3470, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 29.0701, 0.3470, 0.3475.



This preview shows how white text looks on a background with the Yxy color 29.0701, 0.3470, 0.3475.

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

29.0701, 0.3470, 0.3475

Protanopia

29.0235, 0.3331, 0.3496

Deuteranopia

29.2002, 0.3518, 0.3458



Tritanopia

29.0975, 0.3298, 0.3127

Trichromacy



Original Color

29.0701, 0.3470, 0.3475

Protanomaly

29.0848, 0.3387, 0.3494

Deuteranomaly

29.0917, 0.3506, 0.3458

Tritanomaly

29.0627, 0.3359, 0.3245

Monochromacy



Original Color

29.0701, 0.3470, 0.3475

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2831, 0.3240, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0701, 0.3470, 0.3475 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(163, 143, 131)` looks like.

```
.text, #text, p{  
    color:rgb(163, 143, 131)  
}
```

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(163, 143, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 143, 131) }
```

Border

The CSS property to change the border of an element to Yxy 29.0701, 0.3470, 0.3475 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(163, 143, 131) }
```

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

```
.border{ border-color:rgb(163, 143, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 143, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 143, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 143, 131);  
box-shadow:4px 4px 4px 4px rgb(163, 143,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0701, 0.3470, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 143, 131) }
```

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

```
.background{ background-color: rgb(163,  
143, 131) }
```

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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