

Converting Colors

$Y_{xy}(29.6802, 0.3638, 0.3640)$

Have a look what the booklet for
Yxy(29.6802, 0.3638, 0.3640)
contains.

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Color

Yxy(29.7620, 0.3641, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	A99079
RGB	169, 144, 121
RGB Percent	66%, 56%, 47%
CMY	0.3372, 0.4353, 0.5255
CMYK	0.00, 0.15, 0.28, 0.34
HSL	29°, 22%, 57%
HSV	29°, 28%, 66%
XYZ	29.7865, 29.7620, 22.2601
YIQ	148.8530, 22.2830, -1.8530

Conversions

Conversions Part 2

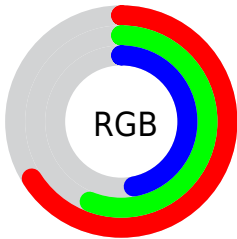
Format	Color
R_{YB}	169, 165, 121
Decimal	11112569
CIE _{Lab}	61.45, 5.79, 15.71
CIE _{LCh}	61, 16.746, 69.757
Yxy	29.7620, 0.3641, 0.3638
Android (android.graphics.Color)	4289302649 (0xFFA99079)
YUV	148.8530, -13.7315, 17.6689
Hunter-Lab	54.5546, 1.9897, 13.9958

Details

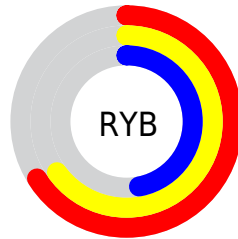
The Yxy color **29.7620, 0.3641, 0.3638** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4832, 0.2685, 0.2914**, and the grayscale version is **30.0421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4128, 0.3539, 0.3577**, and **12.1863, 0.3820, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **26.8218, 0.3869, 0.3766**, and if you desaturate by 10%, it is **32.9854, 0.3438, 0.3511**.

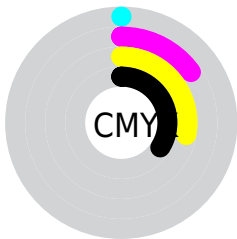
Distribution



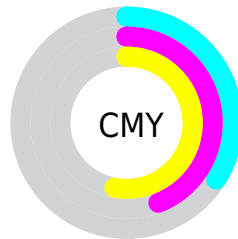
- Red (66%)
- Green (56%)
- Blue (47%)



- Red (66%)
- Yellow (65%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (34%)





- Cyan (34%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7620, 0.3641, 0.3638 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 29.7620, 0.3641, 0.3638 by changing the saturation by 10% instead.


 29.7620, 0.3641,
0.3638


 29.7620, 0.3641,
0.3638


300.7935, 0.3364,
0.3455


 19.6580, 0.3717,
0.3686


 59.2856, 0.3535,
0.3570

 12.1467, 0.3819,
0.3749


 79.4740, 0.3497,
0.3545

 6.8437, 0.3963,
0.3835


 103.7926, 0.3465,
0.3524

 3.3645, 0.4179,
0.3955

132.6259, 0.3439,
0.3506

 1.3249, 0.4750,
0.4330

166.3583, 0.3416,
0.3490

 0.1603, 0.6470,
0.3530

205.3740, 0.3396,

 0.0000, 0.0000,

0.3477

0.0000

250.0577, 0.3379,
0.3466

■ 29.7620, 0.3641,
0.3638

■ 29.7620, 0.3641,
0.3638

■ 26.8218, 0.3869,
0.3766

■ 32.9854, 0.3438,
0.3511

■ 24.1522, 0.4121,
0.3888

■ 36.4959, 0.3260,
0.3388

■ 21.7454, 0.4392,
0.3995


■ 40.3026, 0.3104,
0.3272

■ 19.5920, 0.4673,
0.4076


■ 44.4129, 0.2968,
0.3164

■ 17.6814, 0.4949,
0.4119


■ 48.8339, 0.2850,
0.3064


 16.0021, 0.5203,
0.4112

 53.5724, 0.2748,
0.2973

 14.5376, 0.5423,
0.4058

 58.6350, 0.2659,
0.2889

 14.3215, 0.5458,
0.4049

 63.9511, 0.2587,
0.2825

 68.5372, 0.2600,
0.2929

Harmonies

Analogous

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



29.7620, 0.3656, 0.3434



29.7620, 0.3641, 0.3638



29.7620, 0.3484, 0.3760

Triad

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



29.7620, 0.3641, 0.3638



29.7620, 0.2743, 0.3360



29.7620, 0.3003, 0.2874

Complementary

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



29.7620, 0.3641, 0.3638



27.4832, 0.2685, 0.2914

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.



29.7620, 0.2770, 0.2841



29.7620, 0.3641, 0.3638



29.7620, 0.2626, 0.3108

Square

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



29.7620, 0.3641, 0.3638



29.7620, 0.2963, 0.3603



29.7620, 0.2635, 0.2922



29.7620, 0.3279, 0.3005

Rectangle

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



29.7620, 0.3641, 0.3638



29.7620, 0.3323, 0.3771



29.7620, 0.2635, 0.2922



29.7620, 0.2917, 0.2851

Sweetspot

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



29.7634, 0.3641, 0.3638



64.8689, 0.3272, 0.3397



24.2015, 0.3416, 0.2907



13.9409, 0.3296, 0.3414



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.7634, 0.3641, 0.3638



49.9788, 0.3779, 0.3717



37.6009, 0.3553, 0.3963



8.1134, 0.3274, 0.3399



10.7795, 0.5441, 0.4062



0.3652, 0.4929, 0.4469

Inverse Universe

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



27.4832, 0.2685, 0.2914



45.2247, 0.2586, 0.2818



20.9933, 0.2644, 0.2514



7.9225, 0.2987, 0.3179



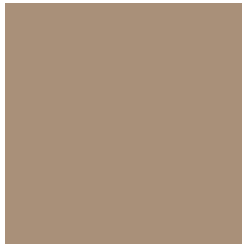
7.4436, 0.1799, 0.1675



0.2827, 0.1962, 0.2261

Previews

White Background



This preview shows how the Yxy color 29.7620, 0.3641, 0.3638 looks on a white background.

Color Contrast Check

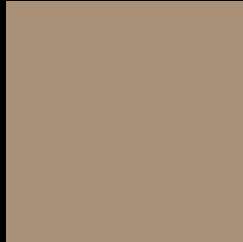
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7620, 0.3641, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

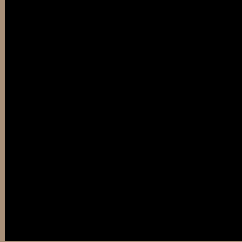
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7620, 0.3641, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 29.7620, 0.3641, 0.3638.



This preview shows how white text looks on a background with the Yxy color 29.7620, 0.3641, 0.3638.

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

29.7620, 0.3641, 0.3638

Protanopia

29.7780, 0.3472, 0.3683

Deuteranopia

29.7961, 0.3679, 0.3619



Tritanopia

29.7612, 0.3363, 0.3130

Trichromacy



Original Color

29.7620, 0.3641, 0.3638

Protanomaly

29.8496, 0.3529, 0.3678

Deuteranomaly

29.6833, 0.3668, 0.3621

Tritanomaly

29.6011, 0.3468, 0.3306

Monochromacy



Original Color

29.7620, 0.3641, 0.3638

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.7994, 0.3301, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7620, 0.3641, 0.3638 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(169, 144, 121)` looks like.

```
.text, #text, p{  
    color:rgb(169, 144, 121)  
}
```

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(169, 144, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 144, 121) }
```

Border

The CSS property to change the border of an element to Yxy 29.7620, 0.3641, 0.3638 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(169, 144, 121) }
```

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

```
.border{ border-color:rgb(169, 144, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 144, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 144, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 144, 121);  
box-shadow:4px 4px 4px 4px rgb(169, 144,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7620, 0.3641, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 144, 121) }
```

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

```
.background{ background-color: rgb(169,  
144, 121) }
```

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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