

Converting Colors

$Y_{xy}(29.1678, 0.3679, 0.3609)$

Have a look what the booklet for
Yxy(29.1678, 0.3679, 0.3609)
contains.

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Color

Yxy(29.0637, 0.3687, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	AB8D78
RGB	171, 141, 120
RGB Percent	67%, 55%, 47%
CMY	0.3294, 0.4470, 0.5295
CMYK	0.00, 0.18, 0.30, 0.33
HSL	25°, 23%, 57%
HSV	25°, 30%, 67%
XYZ	29.7083, 29.0637, 21.8038
YIQ	147.5760, 24.6210, -0.1710

Conversions

Conversions Part 2

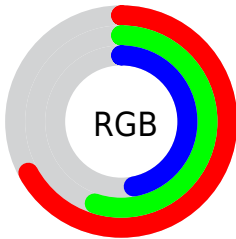
Format	Color
R_{YB}	171, 156, 120
Decimal	11242872
CIE _{Lab}	60.84, 8.13, 15.47
CIE _{LCh}	61, 17.475, 62.282
Yxy	29.0637, 0.3687, 0.3607
Android (android.graphics.Color)	4289432952 (0xFFAB8D78)
YUV	147.5760, -13.5950, 20.5428
Hunter-Lab	53.9108, 4.0212, 13.7581

Details

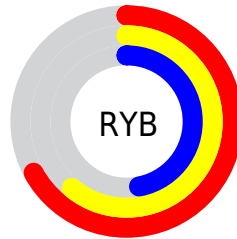
The Yxy color $29.0637, 0.3687, 0.3607$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $28.7332, 0.2668, 0.2949$, and the grayscale version is $29.4784, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.3397, 0.3572, 0.3553$, and $11.7887, 0.3893, 0.3716$ is the 20% darker color. If you saturate the color by 10%, you get $25.8553, 0.3932, 0.3718$, and if you desaturate by 10%, it is $32.6180, 0.3472, 0.3496$.

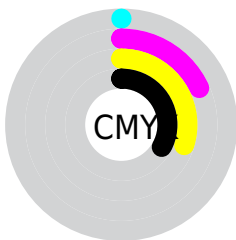
Distribution



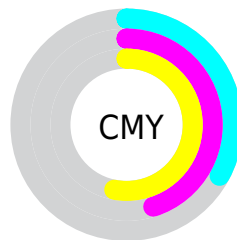
- Red (67%)
- Green (55%)
- Blue (47%)



- Red (67%)
- Yellow (61%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (33%)




- Cyan (33%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0637, 0.3687, 0.3607 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 29.0637, 0.3687, 0.3607 by changing the saturation by 10% instead.


 29.0637, 0.3687,
0.3607


 29.0637, 0.3687,
0.3607


297.5154, 0.3383,
0.3442


 19.1290, 0.3771,
0.3650

 58.1783, 0.3571,
0.3546

 11.7635, 0.3884,
0.3706


 78.1270, 0.3529,
0.3523

 6.5829, 0.4045,
0.3780


 102.1824, 0.3494,
0.3504

 3.2026, 0.4287,
0.3883

130.7291, 0.3465,
0.3488

 1.2384, 0.4965,
0.4261

164.1513, 0.3440,
0.3474

 0.0928, 0.7555,
0.2445

202.8335, 0.3419,

 0.0000, 0.0000,

0.3462

0.0000

247.1601, 0.3400,
0.3451

■ 29.0637, 0.3687,
0.3607

■ 29.0637, 0.3687,
0.3607

■ 25.8553, 0.3932,
0.3718

■ 32.6180, 0.3472,
0.3496

■ 22.9776, 0.4206,
0.3822

■ 36.5247, 0.3286,
0.3389

■ 20.4204, 0.4505,
0.3910

■ 40.7950, 0.3125,
0.3288

■ 18.1710, 0.4817,
0.3971

■ 45.4387, 0.2986,
0.3195

■ 16.2158, 0.5125,
0.3993

■ 50.4649, 0.2868,
0.3108

■ 14.5399, 0.5405,
0.3965

■ 55.8825, 0.2765,
0.3029

■ 13.1204, 0.5649,
0.3895

■ 61.7000, 0.2676,
0.2956

■ 13.0998, 0.5652,
0.3894

■ 67.8111, 0.2609,
0.2909

■ 73.2920, 0.2623,
0.3025

Harmonies

Analogous

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



29.0637, 0.3663, 0.3381



29.0637, 0.3687, 0.3607



29.0637, 0.3555, 0.3764

Triad

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



29.0637, 0.3687, 0.3607



29.0637, 0.2773, 0.3432



29.0637, 0.2928, 0.2834

Complementary

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



29.0637, 0.3687, 0.3607



28.7332, 0.2668, 0.2949

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.



29.0637, 0.2706, 0.2829



29.0637, 0.3687, 0.3607



29.0637, 0.2619, 0.3160

Square

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



29.0637, 0.3687, 0.3607



29.0637, 0.3023, 0.3671



29.0637, 0.2596, 0.2942



29.0637, 0.3214, 0.2948

Rectangle

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



29.0637, 0.3687, 0.3607



29.0637, 0.3400, 0.3800



29.0637, 0.2596, 0.2942



29.0637, 0.2844, 0.2819

Sweetspot

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



29.0650, 0.3687, 0.3607



65.9141, 0.3274, 0.3382



24.3051, 0.3394, 0.2838



14.4673, 0.3298, 0.3397



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.0650, 0.3687, 0.3607



48.0817, 0.3850, 0.3682



37.2489, 0.3588, 0.3953



8.5373, 0.3276, 0.3384



9.9739, 0.5635, 0.3907



0.3869, 0.5097, 0.4335

Inverse Universe

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



28.7332, 0.2668, 0.2949



47.3796, 0.2564, 0.2858



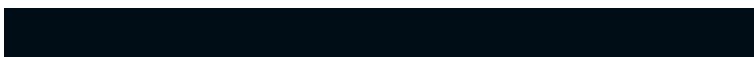
21.6174, 0.2622, 0.2526



8.5100, 0.2986, 0.3194



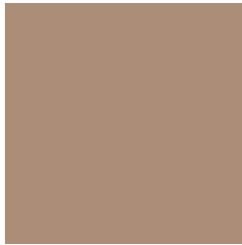
9.2673, 0.1862, 0.1903



0.3622, 0.1992, 0.2370

Previews

White Background



This preview shows how the Yxy color 29.0637, 0.3687, 0.3607 looks on a white background.

Color Contrast Check

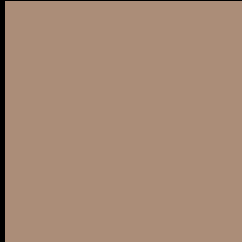
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0637, 0.3687, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

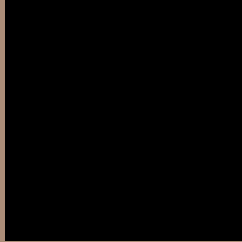
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0637, 0.3687, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 29.0637, 0.3687, 0.3607.



This preview shows how white text looks on a background with the Yxy color 29.0637, 0.3687, 0.3607.

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

29.0637, 0.3687, 0.3607

Protanopia

29.2661, 0.3452, 0.3671

Deuteranopia

28.9519, 0.3675, 0.3608



Tritanopia

29.0281, 0.3424, 0.3131

Trichromacy



Original Color

29.0637, 0.3687, 0.3607

Protanomaly

29.2330, 0.3536, 0.3648

Deuteranomaly

28.9519, 0.3675, 0.3608

Tritanomaly

28.8962, 0.3520, 0.3291

Monochromacy



Original Color

29.0637, 0.3687, 0.3607

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1537, 0.3315, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0637, 0.3687, 0.3607 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(171, 141, 120)` looks like.

```
.text, #text, p{  
    color:rgb(171, 141, 120)  
}
```

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(171, 141, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 141, 120) }
```

Border

The CSS property to change the border of an element to Yxy 29.0637, 0.3687, 0.3607 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(171, 141, 120) }
```

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

```
.border{ border-color:rgb(171, 141, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 141, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 141, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 141, 120);  
box-shadow:4px 4px 4px 4px rgb(171, 141,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0637, 0.3687, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 141, 120) }
```

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

```
.background{ background-color: rgb(171,  
141, 120) }
```

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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