

Converting Colors

$Y_{xy}(29.1292, 0.3614, 0.3409)$

Have a look what the booklet for
Yxy(29.1292, 0.3614, 0.3409)
contains.

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Color

Yxy(29.2179, 0.3618, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	AF8B83
RGB	175, 139, 131
RGB Percent	69%, 55%, 51%
CMY	0.3137, 0.4549, 0.4862
CMYK	0.00, 0.21, 0.25, 0.31
HSL	11°, 22%, 60%
HSV	11°, 25%, 69%
XYZ	31.0092, 29.2179, 25.4810
YIQ	148.8520, 24.0240, 5.1440

Conversions

Conversions Part 2

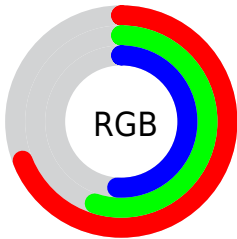
Format	Color
R_{YB}	175, 141, 131
Decimal	11504515
CIE _{Lab}	60.97, 12.43, 9.46
CIE _{LCh}	61, 15.619, 37.295
Yxy	29.2179, 0.3618, 0.3409
Android (android.graphics.Color)	4289694595 (0xFFAF8B83)
YUV	148.8520, -8.8010, 22.9318
Hunter-Lab	54.0536, 7.8072, 9.8880

Details

The Yxy color $29.2179, 0.3618, 0.3409$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.5616, 0.2754, 0.3167$, and the grayscale version is $30.0205, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.5895, 0.3513, 0.3392$, and $11.8915, 0.3792, 0.3437$ is the 20% darker color. If you saturate the color by 10%, you get $24.9050, 0.3887, 0.3459$, and if you desaturate by 10%, it is $34.1569, 0.3394, 0.3360$.

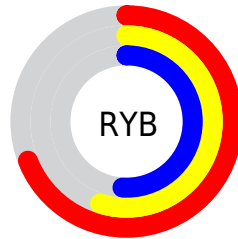
Distribution



Red (69%)

Green (55%)

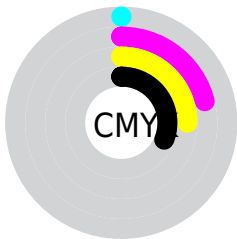
Blue (51%)



Red (69%)

Yellow (55%)

Blue (51%)

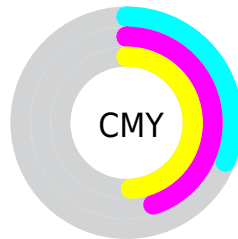


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (31%)



Cyan (31%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2179, 0.3618, 0.3409 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 29.2179, 0.3618, 0.3409 by changing the saturation by 10% instead.


 29.2179, 0.3618,
0.3409


 29.2179, 0.3618,
0.3409


298.2417, 0.3351,
0.3350

 19.2457, 0.3692,
0.3423


 58.4231, 0.3516,
0.3388

 11.8480, 0.3793,
0.3442


 78.4249, 0.3479,
0.3379

 6.6402, 0.3937,
0.3465


 102.5387, 0.3448,
0.3373

 3.2381, 0.4159,
0.3493

131.1490, 0.3423,
0.3367

 1.2573, 0.4579,
0.3553

164.6400, 0.3401,
0.3362

 0.1078, 0.7901,
0.2099

203.3962, 0.3382,

 0.0000, 0.0000,

0.3357

0.0000

247.8019, 0.3366,
0.3353

■ 29.2179, 0.3618,
0.3409

■ 29.2179, 0.3618,
0.3409

■ 24.9050, 0.3887,
0.3459

■ 34.1569, 0.3394,
0.3360

■ 21.1891, 0.4205,
0.3507

■ 39.7416, 0.3209,
0.3313

■ 18.0450, 0.4573,
0.3548

■ 45.9954, 0.3056,
0.3269


■ 15.4439, 0.4978,
0.3573


■ 52.9399, 0.2930,
0.3230


■ 13.3546, 0.5395,
0.3574


■ 60.5951, 0.2825,
0.3194

 11.7424, 0.5780,
0.3545

 68.9806, 0.2737,
0.3161

 10.5682, 0.6082,
0.3485

 78.1151, 0.2663,
0.3131

 10.1363, 0.6203,
0.3457

 86.9421, 0.2674,
0.3273

 87.8541, 0.2676,
0.3289

Harmonies

Analogous

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



29.2179, 0.3481, 0.3194



29.2179, 0.3618, 0.3409



29.2179, 0.3616, 0.3604

Triad

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



29.2179, 0.3618, 0.3409



29.2179, 0.2994, 0.3598



29.2179, 0.2777, 0.2870

Complementary

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



29.2179, 0.3618, 0.3409



35.5616, 0.2754, 0.3167

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.



29.2179, 0.2659, 0.2956



29.2179, 0.3618, 0.3409



29.2179, 0.2780, 0.3376

Square

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



29.2179, 0.3618, 0.3409



29.2179, 0.3249, 0.3728



29.2179, 0.2660, 0.3138



29.2179, 0.2990, 0.2892

Rectangle

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



29.2179, 0.3618, 0.3409



29.2179, 0.3537, 0.3697



29.2179, 0.2660, 0.3138



29.2179, 0.2726, 0.2887

Sweetspot

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



29.2192, 0.3618, 0.3409



68.0495, 0.3261, 0.3326



28.1642, 0.3232, 0.2772



14.7894, 0.3288, 0.3333



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.2192, 0.3618, 0.3409



48.0365, 0.3757, 0.3436



36.0119, 0.3546, 0.3711



8.2420, 0.3282, 0.3332



7.3262, 0.6186, 0.3470



0.2721, 0.5669, 0.3881

Inverse Universe

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



35.5616, 0.2754, 0.3167



61.2869, 0.2679, 0.3138



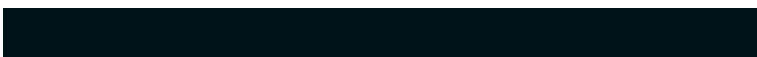
28.3785, 0.2725, 0.2829



8.8208, 0.2986, 0.3248



16.4103, 0.2086, 0.2708



0.5200, 0.2140, 0.2903

Previews

White Background



This preview shows how the Yxy color 29.2179, 0.3618, 0.3409 looks on a white background.

Color Contrast Check

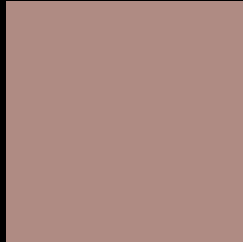
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2179, 0.3618, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

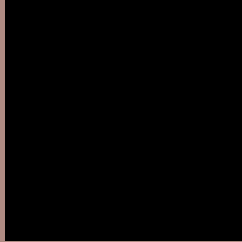
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2179, 0.3618, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 29.2179, 0.3618, 0.3409.



This preview shows how white text looks on a background with the Yxy color 29.2179, 0.3618, 0.3409.

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

29.2179, 0.3618, 0.3409

Protanopia

29.3890, 0.3309, 0.3480

Deuteranopia

29.2825, 0.3540, 0.3472



Tritanopia

29.3450, 0.3468, 0.3147

Trichromacy



Original Color

29.2179, 0.3618, 0.3409

Protanomaly

29.2448, 0.3413, 0.3445

Deuteranomaly

29.3194, 0.3577, 0.3456

Tritanomaly

29.3302, 0.3521, 0.3248

Monochromacy



Original Color

29.2179, 0.3618, 0.3409

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4729, 0.3296, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2179, 0.3618, 0.3409 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(175, 139, 131)` looks like.

```
.text, #text, p{  
    color:rgb(175, 139, 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(175, 139, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 139, 131) }
```

Border

The CSS property to change the border of an element to Yxy 29.2179, 0.3618, 0.3409 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(175, 139, 131) }
```

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

```
.border{ border-color:rgb(175, 139, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 139, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 139, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 139, 131);  
box-shadow:4px 4px 4px 4px rgb(175, 139,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2179, 0.3618, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 139, 131) }
```

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

```
.background{ background-color: rgb(175,  
139, 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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