

Converting Colors

$Yxy(30.4025, 0.3563, 0.3394)$

Have a look what the booklet for
Yxy(30.4025, 0.3563, 0.3394)
contains.

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Color

Yxy(30.2092, 0.3564, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	AF8E87
RGB	175, 142, 135
RGB Percent	69%, 56%, 53%
CMY	0.3138, 0.4431, 0.4706
CMYK	0.00, 0.19, 0.23, 0.31
HSL	11°, 20%, 61%
HSV	11°, 23%, 69%
XYZ	31.7223, 30.2092, 27.0761
YIQ	151.0690, 21.9150, 4.8190

Conversions

Conversions Part 2

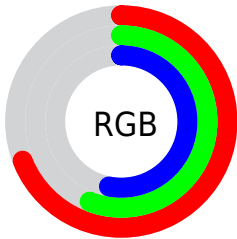
Format	Color
R_{YB}	175, 143, 135
Decimal	11505287
CIE _{Lab}	61.83, 11.33, 8.43
CIE _{LCh}	62, 14.124, 36.637
Yxy	30.2092, 0.3564, 0.3394
Android (android.graphics.Color)	4289695367 (0xFFAF8E87)
YUV	151.0690, -7.9220, 20.9875
Hunter-Lab	54.9629, 6.8378, 9.2663

Details

The Yxy color **30.2092, 0.3564, 0.3394** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2366, 0.2787, 0.3183**, and the grayscale version is **31.0059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0996, 0.3474, 0.3380**, and **12.4477, 0.3725, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **25.7384, 0.3823, 0.3443**, and if you desaturate by 10%, it is **35.3194, 0.3349, 0.3347**.

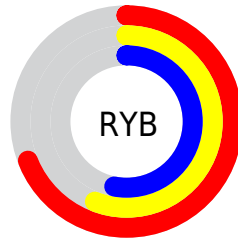
Distribution



Red (69%)

Green (56%)

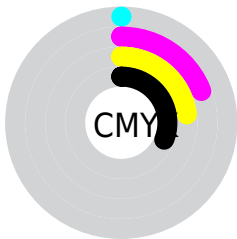
Blue (53%)



Red (69%)

Yellow (56%)

Blue (53%)

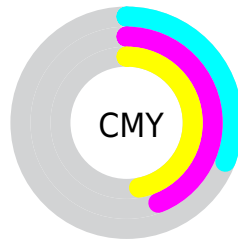


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (31%)



Cyan (31%)

Magenta (44%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2092, 0.3564, 0.3394 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 30.2092, 0.3564, 0.3394 by changing the saturation by 10% instead.

 30.2092, 0.3564,
0.3394


 30.2092, 0.3564,
0.3394


302.8784, 0.3328,
0.3342


 19.9974, 0.3629,
0.3407


 59.9929, 0.3474,
0.3375

 12.3932, 0.3718,
0.3423


 80.3335, 0.3441,
0.3368

 7.0120, 0.3843,
0.3444


 104.8193, 0.3414,
0.3362

 3.4696, 0.4035,
0.3470

133.8346, 0.3392,
0.3357

 1.3816, 0.4369,
0.3506

167.7637, 0.3372,
0.3352

 0.2031, 0.6982,
0.3018

206.9911, 0.3355,

 0.0000, 0.0000,


0.3348


0.0000

251.9012, 0.3341,
0.3345


 30.2092, 0.3564,
0.3394


 30.2092, 0.3564,
0.3394

 25.7384, 0.3823,
0.3443


 35.3194, 0.3349,
0.3347


 21.8778, 0.4131,
0.3490


 41.0886, 0.3172,
0.3302


 18.6020, 0.4490,
0.3531

 47.5406, 0.3026,
0.3261

 15.8820, 0.4891,
0.3559

 54.6969, 0.2904,
0.3223

 13.6868, 0.5311,
0.3566

 62.5780, 0.2804,
0.3189

■ 11.9816, 0.5709,
0.3544

■ 71.2034, 0.2719,
0.3158

■ 10.7278, 0.6034,
0.3492

■ 80.4315, 0.2660,
0.3157

■ 10.0779, 0.6213,
0.3448

■ 87.8524, 0.2676,
0.3289

Harmonies

Analogous

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



30.2092, 0.3440, 0.3201



30.2092, 0.3564, 0.3394



30.2092, 0.3565, 0.3569

Triad

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



30.2092, 0.3564, 0.3394



30.2092, 0.3013, 0.3568



30.2092, 0.2810, 0.2914

Complementary

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



30.2092, 0.3564, 0.3394



36.2366, 0.2787, 0.3183

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.



30.2092, 0.2706, 0.2994



30.2092, 0.3564, 0.3394



30.2092, 0.2820, 0.3372

Square

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



30.2092, 0.3564, 0.3394



30.2092, 0.3242, 0.3682



30.2092, 0.2709, 0.3160



30.2092, 0.3000, 0.2930

Rectangle

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



30.2092, 0.3564, 0.3394



30.2092, 0.3497, 0.3652



30.2092, 0.2709, 0.3160



30.2092, 0.2764, 0.2930

Sweetspot

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



30.2106, 0.3564, 0.3394



69.0477, 0.3243, 0.3321



29.2763, 0.3221, 0.2820



15.2129, 0.3253, 0.3323



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.



30.2106, 0.3564, 0.3394



50.2841, 0.3677, 0.3416



36.5802, 0.3504, 0.3672



8.2343, 0.3282, 0.3330



7.2840, 0.6197, 0.3462



0.2690, 0.5688, 0.3865

Inverse Universe

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



36.2366, 0.2787, 0.3183



62.8253, 0.2722, 0.3159



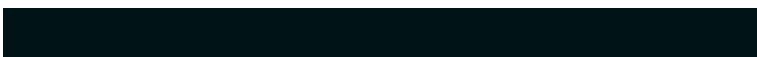
29.5253, 0.2764, 0.2876



8.8292, 0.2986, 0.3249



16.6410, 0.2091, 0.2729



0.5247, 0.2143, 0.2916

Previews

White Background



This preview shows how the Yxy color 30.2092, 0.3564, 0.3394 looks on a white background.

Color Contrast Check

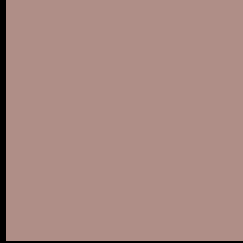
Large Text (above 18pt) WCAG AA × Fail

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 30.2092, 0.3564, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

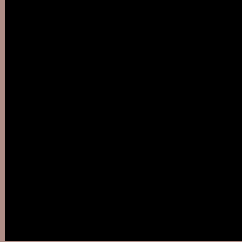
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2092, 0.3564, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 30.2092, 0.3564, 0.3394.



This preview shows how white text looks on a background with the Yxy color 30.2092, 0.3564, 0.3394.

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

30.2092, 0.3564, 0.3394

Protanopia

30.3275, 0.3287, 0.3446

Deuteranopia

30.2418, 0.3502, 0.3425



Tritanopia

30.3053, 0.3429, 0.3148

Trichromacy



Original Color

30.2092, 0.3564, 0.3394

Protanomaly

30.0741, 0.3378, 0.3413

Deuteranomaly

30.1648, 0.3528, 0.3410

Tritanomaly

30.3242, 0.3469, 0.3233

Monochromacy



Original Color

30.2092, 0.3564, 0.3394

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.6977, 0.3282, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2092, 0.3564, 0.3394 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, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(175, 142, 135)  
}
```

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, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 142, 135) }
```

Border

The CSS property to change the border of an element to Yxy 30.2092, 0.3564, 0.3394 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, 142, 135) }
```

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

```
.border{ border-color:rgb(175, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(175, 142,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2092, 0.3564, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 142, 135) }
```

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

```
.background{ background-color: rgb(175,  
142, 135) }
```

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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