

Converting Colors

$Y_{xy}(28.0948, 0.3946, 0.3420)$

Have a look what the booklet for
Yxy(28.0948, 0.3946, 0.3420)
contains.

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Color

Yxy(28.1401, 0.3946, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	BD8278
RGB	189, 130, 120
RGB Percent	74%, 51%, 47%
CMY	0.2589, 0.4901, 0.5294
CMYK	0.00, 0.31, 0.36, 0.26
HSL	9°, 34%, 61%
HSV	9°, 36%, 74%
XYZ	32.3546, 28.1401, 21.4986
YIQ	146.5010, 38.3740, 9.3980

Conversions

Conversions Part 2

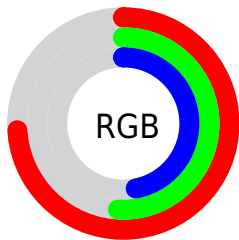
Format	Color
R_{YB}	189, 132, 120
Decimal	12419704
CIE _{Lab}	60.02, 21.46, 14.60
CIE _{LCh}	60, 25.959, 34.223
Yxy	28.1401, 0.3946, 0.3432
Android (android.graphics.Color)	4290609784 (0xFFBD8278)
YUV	146.5010, -13.0650, 37.2716
Hunter-Lab	53.0472, 16.0380, 13.1044

Details

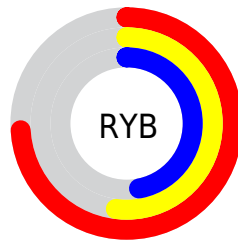
The Yxy color **28.1401, 0.3946, 0.3432** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8937, 0.2601, 0.3141**, and the grayscale version is **29.0047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6197, 0.3779, 0.3411**, and **11.2735, 0.4239, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **23.7606, 0.4284, 0.3470**, and if you desaturate by 10%, it is **33.2877, 0.3662, 0.3392**.

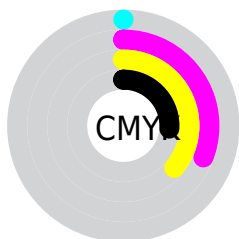
Distribution



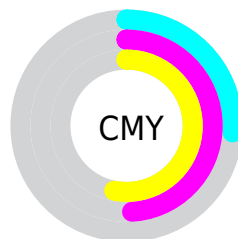
- Red (74%)
- Green (51%)
- Blue (47%)



- Red (74%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (36%)
- Black (26%)





- Cyan (26%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1401, 0.3946, 0.3432 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 28.1401, 0.3946, 0.3432 by changing the saturation by 10% instead.


 28.1401, 0.3946,
0.3432


 28.1401, 0.3946,
0.3432


293.1358, 0.3498,
0.3368


 18.4313, 0.4072,
0.3444


 56.7080, 0.3773,
0.3411

 11.2601, 0.4242,
0.3457


 76.3360, 0.3711,
0.3403

 6.2420, 0.4484,
0.3466


 100.0391, 0.3660,
0.3395

 2.9928, 0.4852,
0.3461

128.2017, 0.3617,
0.3388

 1.1280, 0.5797,
0.3607

161.2083, 0.3581,
0.3382

 0.0017, 0.9968,
0.0032

199.4432, 0.3549,

 0.0000, 0.0000,

0.3377

0.0000

243.2909, 0.3522,
0.3372

■ 28.1401, 0.3946,
0.3432

■ 28.1401, 0.3946,
0.3432

■ 23.7606, 0.4284,
0.3470

■ 33.2877, 0.3662,
0.3392

■ 20.1083, 0.4674,
0.3500

■ 39.2335, 0.3427,
0.3351

■ 17.1449, 0.5100,
0.3516


■ 46.0112, 0.3233,
0.3313


■ 14.8266, 0.5530,
0.3510


■ 53.6510, 0.3075,
0.3278


■ 13.1046, 0.5910,
0.3478


■ 62.1820, 0.2945,
0.3246

 11.9223, 0.6189,
0.3422

 71.6315, 0.2838,
0.3216

 11.6186, 0.6267,
0.3406

 82.0259, 0.2749,
0.3190

 89.5554, 0.2747,
0.3289

Harmonies

Analogous

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



28.1401, 0.3690, 0.3090



28.1401, 0.3946, 0.3432



28.1401, 0.3961, 0.3765

Triad

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



28.1401, 0.3946, 0.3432



28.1401, 0.2937, 0.3858



28.1401, 0.2521, 0.2606

Complementary

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



28.1401, 0.3946, 0.3432



39.8937, 0.2601, 0.3141

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.



28.1401, 0.2352, 0.2749



28.1401, 0.3946, 0.3432



28.1401, 0.2578, 0.3473

Square

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



28.1401, 0.3946, 0.3432



28.1401, 0.3362, 0.4056



28.1401, 0.2372, 0.3058



28.1401, 0.2851, 0.2632

Rectangle

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



28.1401, 0.3946, 0.3432



28.1401, 0.3837, 0.3942



28.1401, 0.2372, 0.3058



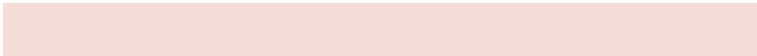
28.1401, 0.2445, 0.2635

Sweetspot

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



28.1415, 0.3946, 0.3432



76.5571, 0.3319, 0.3331



27.5371, 0.3267, 0.2505



16.1116, 0.3345, 0.3336



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



28.1415, 0.3946, 0.3432



43.8750, 0.4220, 0.3463



38.6107, 0.3780, 0.3883



9.7538, 0.3285, 0.3324



7.8897, 0.6251, 0.3419



0.3815, 0.5868, 0.3723

Inverse Universe

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



39.8937, 0.2601, 0.3141



68.0396, 0.2500, 0.3102



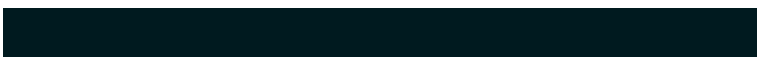
28.0084, 0.2528, 0.2612



10.5671, 0.2985, 0.3256



19.8447, 0.2119, 0.2829



0.8427, 0.2153, 0.2950

Previews

White Background



This preview shows how the Yxy color 28.1401, 0.3946, 0.3432 looks on a white background.

Color Contrast Check

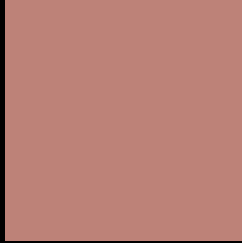
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1401, 0.3946, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

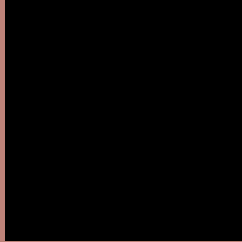
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1401, 0.3946, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 28.1401, 0.3946, 0.3432.



This preview shows how white text looks on a background with the Yxy color 28.1401, 0.3946, 0.3432.

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

28.1401, 0.3946, 0.3432

Protanopia

28.4585, 0.3384, 0.3579

Deuteranopia

28.0981, 0.3683, 0.3611



Tritanopia

28.0613, 0.3776, 0.3154

Trichromacy



Original Color

28.1401, 0.3946, 0.3432

Protanomaly

28.2107, 0.3578, 0.3537

Deuteranomaly

28.1703, 0.3778, 0.3543

Tritanomaly

28.0242, 0.3834, 0.3250

Monochromacy



Original Color

28.1401, 0.3946, 0.3432

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5373, 0.3400, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1401, 0.3946, 0.3432 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(189, 130, 120)` looks like.

```
.text, #text, p{  
    color:rgb(189, 130, 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(189, 130, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 130, 120) }
```

Border

The CSS property to change the border of an element to Yxy 28.1401, 0.3946, 0.3432 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(189, 130, 120) }
```

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

```
.border{ border-color:rgb(189, 130, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 130, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 130, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 130, 120);  
box-shadow:4px 4px 4px 4px rgb(189, 130,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1401, 0.3946, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 130, 120) }
```

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

```
.background{ background-color: rgb(189,  
130, 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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