

Converting Colors

$Yxy(29.2077, 0.4008, 0.3569)$

Have a look what the booklet for
Yxy(29.2077, 0.4008, 0.3569)
contains.

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Color

Yxy(29.2122, 0.4008, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	BE8672
RGB	190, 134, 114
RGB Percent	75%, 53%, 45%
CMY	0.2547, 0.4746, 0.5529
CMYK	0.00, 0.29, 0.40, 0.25
HSL	16°, 37%, 60%
HSV	16°, 40%, 75%
XYZ	32.8054, 29.2122, 19.8322
YIQ	148.4640, 39.7960, 5.6520

Conversions

Conversions Part 2

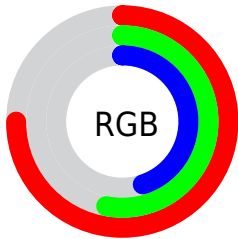
Format	Color
R_{YB}	190, 141, 114
Decimal	12486258
CIE _{Lab}	60.97, 18.97, 19.33
CIE _{LCh}	61, 27.085, 45.545
Yxy	29.2122, 0.4008, 0.3569
Android (android.graphics.Color)	4290676338 (0xFFBE8672)
YUV	148.4640, -16.9908, 36.4271
Hunter-Lab	54.0483, 13.7586, 16.0782

Details

The Yxy color **29.2122, 0.4008, 0.3569** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **36.0718, 0.2536, 0.2986**, and the grayscale version is **29.8797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2503, 0.3826, 0.3518**, and **11.8849, 0.4321, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **25.2053, 0.4330, 0.3635**, and if you desaturate by 10%, it is **33.8250, 0.3729, 0.3497**.

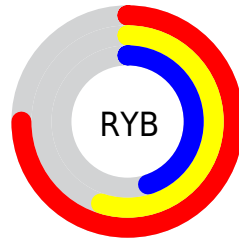
Distribution



Red (75%)

Green (53%)

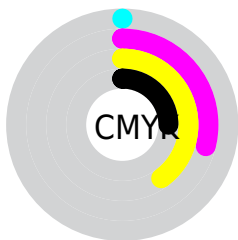
Blue (45%)



Red (75%)

Yellow (55%)

Blue (45%)

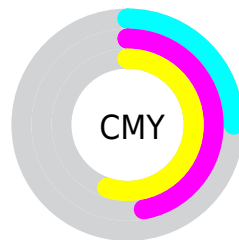


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2122, 0.4008, 0.3569 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 29.2122, 0.4008, 0.3569 by changing the saturation by 10% instead.


 29.2122, 0.4008,
0.3569


 29.2122, 0.4008,
0.3569


298.2149, 0.3530,
0.3435

 19.2414, 0.4140,
0.3599


 58.4141, 0.3825,
0.3522


 11.8448, 0.4317,
0.3633


 78.4139, 0.3759,
0.3504

 6.6381, 0.4565,
0.3671


 102.5256, 0.3704,
0.3488

 3.2368, 0.4933,
0.3704

 131.1335, 0.3658,
0.3475

 1.2566, 0.5993,
0.4007

164.6219, 0.3619,
0.3463

 0.1072, 0.8405,
0.1595

203.3754, 0.3585,

 0.0000, 0.0000,

0.3452

0.0000

247.7782, 0.3556,
0.3443

■ 29.2122, 0.4008,
0.3569

■ 29.2122, 0.4008,
0.3569

■ 25.2053, 0.4330,
0.3635

■ 33.8250, 0.3729,
0.3497

■ 21.7745, 0.4690,
0.3687

■ 39.0634, 0.3493,
0.3425

■ 18.8936, 0.5074,
0.3715

■ 44.9517, 0.3294,
0.3355

■ 16.5325, 0.5453,
0.3708

■ 51.5114, 0.3127,
0.3290


■ 14.6580, 0.5787,
0.3658

■ 58.7630, 0.2988,
0.3230

 13.2272, 0.6052,
0.3577

 66.7262, 0.2871,
0.3175

 75.4198, 0.2772,
0.3124

 84.1301, 0.2743,
0.3194

 89.6923, 0.2752,
0.3289

Harmonies

Analogous

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



29.2122, 0.3832, 0.3213



29.2122, 0.4008, 0.3569



29.2122, 0.3926, 0.3888

Triad

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



29.2122, 0.4008, 0.3569



29.2122, 0.2777, 0.3741



29.2122, 0.2614, 0.2577

Complementary

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



29.2122, 0.4008, 0.3569



36.0718, 0.2536, 0.2986

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.



29.2122, 0.2374, 0.2657



29.2122, 0.4008, 0.3569



29.2122, 0.2461, 0.3310

Square

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



29.2122, 0.4008, 0.3569



29.2122, 0.3202, 0.4033



29.2122, 0.2320, 0.2912



29.2122, 0.3002, 0.2665

Rectangle

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



29.2122, 0.4008, 0.3569



29.2122, 0.3744, 0.4034



29.2122, 0.2320, 0.2912



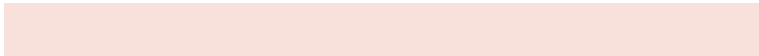
29.2122, 0.2515, 0.2584

Sweetspot

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



29.2136, 0.4008, 0.3569



78.9851, 0.3334, 0.3370



25.9311, 0.3385, 0.2535



17.0274, 0.3360, 0.3379



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



29.2136, 0.4008, 0.3569



46.4899, 0.4288, 0.3627



41.3056, 0.3809, 0.4049



9.9331, 0.3282, 0.3351



8.9024, 0.6029, 0.3595



0.4596, 0.5544, 0.3980

Inverse Universe

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



36.0718, 0.2536, 0.2986



60.5675, 0.2421, 0.2908



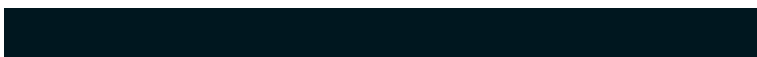
24.0778, 0.2444, 0.2389



10.3738, 0.2985, 0.3228



15.0934, 0.2007, 0.2425



0.6923, 0.2071, 0.2656

Previews

White Background



This preview shows how the Yxy color 29.2122, 0.4008, 0.3569 looks on a white background.

Color Contrast Check

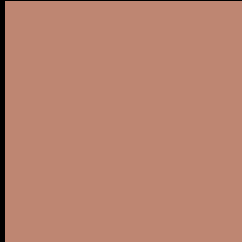
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2122, 0.4008, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

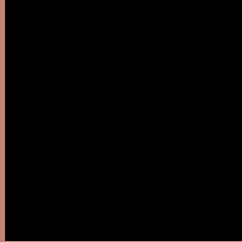
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2122, 0.4008, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 29.2122, 0.4008, 0.3569.



This preview shows how white text looks on a background with the Yxy color 29.2122, 0.4008, 0.3569.

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

29.2122, 0.4008, 0.3569

Protanopia

29.2914, 0.3494, 0.3717

Deuteranopia

29.1262, 0.3786, 0.3708



Tritanopia

29.0652, 0.3740, 0.3155

Trichromacy



Original Color

29.2122, 0.4008, 0.3569

Protanomaly

28.9788, 0.3670, 0.3656

Deuteranomaly

28.9529, 0.3871, 0.3655

Tritanomaly

28.9477, 0.3832, 0.3292

Monochromacy



Original Color

29.2122, 0.4008, 0.3569

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2090, 0.3417, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2122, 0.4008, 0.3569 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(190, 134, 114)` looks like.

```
.text, #text, p{  
    color:rgb(190, 134, 114)  
}
```

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(190, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 134, 114) }
```

Border

The CSS property to change the border of an element to Yxy 29.2122, 0.4008, 0.3569 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(190, 134, 114) }
```

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

```
.border{ border-color:rgb(190, 134, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 134, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(190, 134,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2122, 0.4008, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 134, 114) }
```

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

```
.background{ background-color: rgb(190,  
134, 114) }
```

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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