

Converting Colors

$Y_{xy}(28.5962, 0.4147, 0.3602)$

Have a look what the booklet for
Yxy(28.5962, 0.4147, 0.3602)
contains.

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Color

Yxy(28.5173, 0.4148, 0.3591)

Conversions

Conversions Part 1

Format	Color
Hex	C2826C
RGB	194, 130, 108
RGB Percent	76%, 51%, 42%
CMY	0.2392, 0.4902, 0.5765
CMYK	0.00, 0.33, 0.44, 0.24
HSL	15°, 41%, 59%
HSV	15°, 44%, 76%
XYZ	32.9406, 28.5173, 17.9553
YIQ	146.6280, 45.2060, 6.7260

Conversions

Conversions Part 2

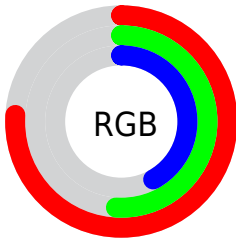
Format	Color
R_{YB}	194, 138, 108
Decimal	12747372
CIE _{Lab}	60.35, 22.10, 21.97
CIE _{LCh}	60, 31.163, 44.826
Yxy	28.5173, 0.4148, 0.3591
Android (android.graphics.Color)	4290937452 (0xFFC2826C)
YUV	146.6280, -19.0436, 41.5452
Hunter-Lab	53.4016, 16.6544, 17.4459

Details

The Yxy color **28.5173, 0.4148, 0.3591** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **36.5963, 0.2479, 0.2957**, and the grayscale version is **29.0829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.1005, 0.3928, 0.3537**, and **11.4668, 0.4515, 0.3655** is the 20% darker color. If you saturate the color by 10%, you get **24.5749, 0.4491, 0.3650**, and if you desaturate by 10%, it is **33.0935, 0.3848, 0.3523**.

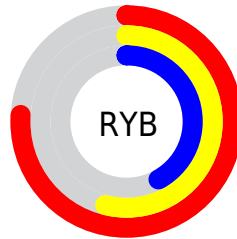
Distribution



Red (76%)

Green (51%)

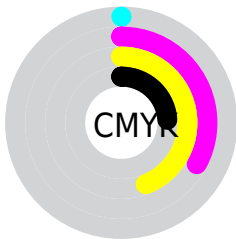
Blue (42%)



Red (76%)

Yellow (54%)

Blue (42%)

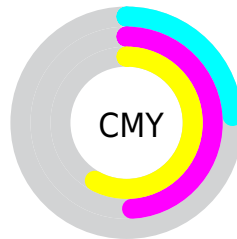


Cyan (0%)

Magenta (33%)

Yellow (44%)

Black (24%)



Cyan (24%)


Magenta (49%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5173, 0.4148, 0.3591 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 28.5173, 0.4148, 0.3591 by changing the saturation by 10% instead.


 28.5173, 0.4148,
0.3591


 28.5173, 0.4148,
0.3591


294.9306, 0.3592,
0.3450


 18.7160, 0.4301,
0.3620


 57.3093, 0.3935,
0.3544


 11.4652, 0.4506,
0.3651


 77.0687, 0.3858,
0.3525

 6.3807, 0.4792,
0.3680


 100.9163, 0.3795,
0.3508

 3.0779, 0.5210,
0.3690

 129.2365, 0.3741,
0.3493

 1.1725, 0.6184,
0.3816

162.4136, 0.3696,
0.3481

 0.0391, 0.9365,
0.0635

200.8321, 0.3656,

 0.0000, 0.0000,

0.3469

0.0000

244.8763, 0.3622,
0.3459

■ 28.5173, 0.4148,
0.3591

■ 28.5173, 0.4148,
0.3591

■ 24.5749, 0.4491,
0.3650

■ 33.0935, 0.3848,
0.3523

■ 21.2337, 0.4868,
0.3692

■ 38.3260, 0.3592,
0.3452

■ 18.4642, 0.5257,
0.3704


■ 44.2412, 0.3376,
0.3383


■ 16.2327, 0.5624,
0.3678


■ 50.8628, 0.3196,
0.3317


■ 14.5013, 0.5928,
0.3609


■ 58.2134, 0.3045,
0.3256

 13.7200, 0.6070,
0.3562

 66.3145, 0.2919,
0.3200

 75.1869, 0.2813,
0.3149

 84.3098, 0.2765,
0.3188

 90.2115, 0.2773,
0.3289

Harmonies

Analogous

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



28.5173, 0.3938, 0.3186



28.5173, 0.4148, 0.3591



28.5173, 0.4054, 0.3964

Triad

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



28.5173, 0.4148, 0.3591



28.5173, 0.2730, 0.3829



28.5173, 0.2527, 0.2474

Complementary

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



28.5173, 0.4148, 0.3591



36.5963, 0.2479, 0.2957

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.



28.5173, 0.2260, 0.2564



28.5173, 0.4148, 0.3591



28.5173, 0.2366, 0.3321

Square

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



28.5173, 0.4148, 0.3591



28.5173, 0.3219, 0.4167



28.5173, 0.2203, 0.2856



28.5173, 0.2967, 0.2572

Rectangle

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



28.5173, 0.4148, 0.3591



28.5173, 0.3844, 0.4143



28.5173, 0.2203, 0.2856



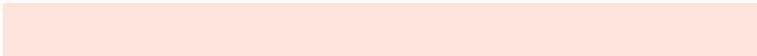
28.5173, 0.2416, 0.2482

Sweetspot

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



28.5187, 0.4148, 0.3591



81.4275, 0.3354, 0.3375



25.1949, 0.3422, 0.2455



17.2726, 0.3399, 0.3390



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



28.5187, 0.4148, 0.3591



44.8423, 0.4473, 0.3648



42.2546, 0.3891, 0.4130



10.4873, 0.3283, 0.3350



9.1324, 0.6047, 0.3581



0.5098, 0.5595, 0.3940

Inverse Universe

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



36.5963, 0.2479, 0.2957



61.2183, 0.2361, 0.2872



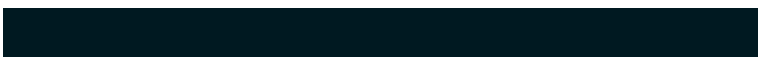
22.9176, 0.2361, 0.2270



10.9782, 0.2984, 0.3230



15.8899, 0.2014, 0.2449



0.7920, 0.2072, 0.2658

Previews

White Background



This preview shows how the Yxy color 28.5173, 0.4148, 0.3591 looks on a white background.

Color Contrast Check

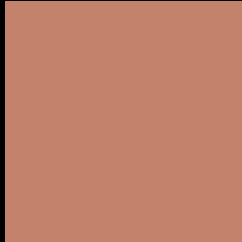
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5173, 0.4148, 0.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

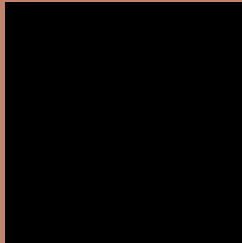
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5173, 0.4148, 0.3591

Background



This preview shows how black text looks on a background with the Yxy color 28.5173, 0.4148, 0.3591.



This preview shows how white text looks on a background with the Yxy color 28.5173, 0.4148, 0.3591.

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

28.5173, 0.4148, 0.3591

Protanopia

28.7641, 0.3538, 0.3784

Deuteranopia

28.6810, 0.3868, 0.3797



Tritanopia

28.4350, 0.3850, 0.3157

Trichromacy



Original Color

28.5173, 0.4148, 0.3591

Protanomaly

28.3610, 0.3756, 0.3716

Deuteranomaly

28.4936, 0.3973, 0.3710

Tritanomaly

28.2872, 0.3957, 0.3306

Monochromacy



Original Color

28.5173, 0.4148, 0.3591

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6357, 0.3465, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5173, 0.4148, 0.3591 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(194, 130, 108)` looks like.

```
.text, #text, p{  
    color:rgb(194, 130, 108)  
}
```

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(194, 130, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 130, 108) }
```

Border

The CSS property to change the border of an element to Yxy 28.5173, 0.4148, 0.3591 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(194, 130, 108) }
```

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

```
.border{ border-color:rgb(194, 130, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 130, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 130, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 130, 108);  
box-shadow:4px 4px 4px 4px rgb(194, 130,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5173, 0.4148, 0.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 130, 108) }
```

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

```
.background{ background-color: rgb(194,  
130, 108) }
```

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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