

Converting Colors

$Y_{xy}(28.1233, 0.4096, 0.3488)$

Have a look what the booklet for
Yxy(28.1233, 0.4096, 0.3488)
contains.

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Color

Yxy(28.1226, 0.4088, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	C28072
RGB	194, 128, 114
RGB Percent	76%, 50%, 45%
CMY	0.2392, 0.4980, 0.5529
CMYK	0.00, 0.34, 0.41, 0.24
HSL	10°, 40%, 60%
HSV	10°, 41%, 76%
XYZ	33.0075, 28.1226, 19.6123
YIQ	146.1380, 43.8300, 9.6380

Conversions

Conversions Part 2

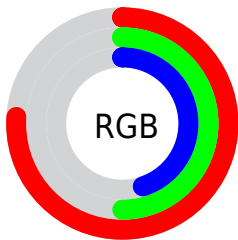
Format	Color
RYB	194, 131, 114
Decimal	12746866
CIELab	60.00, 23.86, 18.08
CIElCh	60, 29.942, 37.152
Yxy	28.1226, 0.4088, 0.3483
Android (android.graphics.Color)	4290936946 (0xFFC28072)
YUV	146.1380, -15.8440, 41.9750
Hunter-Lab	53.0307, 18.2986, 15.1943

Details

The Yxy color **28.1226, 0.4088, 0.3483** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1284, 0.2535, 0.3082**, and the grayscale version is **28.8580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4964, 0.3883, 0.3452**, and **11.2454, 0.4432, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **23.8758, 0.4443, 0.3525**, and if you desaturate by 10%, it is **33.1248, 0.3784, 0.3435**.

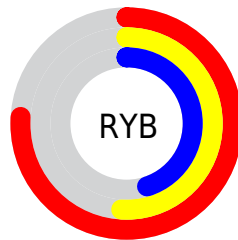
Distribution



Red (76%)

Green (50%)

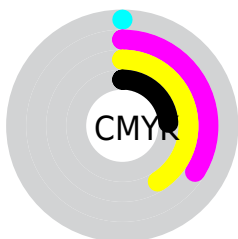
Blue (45%)



Red (76%)

Yellow (51%)

Blue (45%)

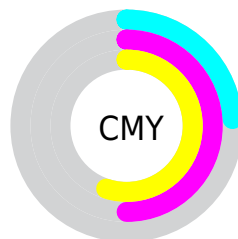


Cyan (0%)

Magenta (34%)

Yellow (41%)

Black (24%)



Cyan (24%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1226, 0.4088, 0.3483 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 28.1226, 0.4088, 0.3483 by changing the saturation by 10% instead.


 28.1226, 0.4088,
0.3483


 28.1226, 0.4088,
0.3483


293.0523, 0.3562,
0.3397


 18.4181, 0.4235,
0.3499


 56.6801, 0.3886,
0.3455


 11.2506, 0.4432,
0.3514


 76.3019, 0.3813,
0.3444

 6.2356, 0.4710,
0.3524

 99.9983, 0.3753,
0.3433

 2.9889, 0.5127,
0.3512

 128.1536, 0.3703,
0.3424

 1.1259, 0.6291,
0.3709

161.1523, 0.3660,
0.3416

 0.0000, 1.0000,
0.0000

199.3787, 0.3623,


 0.0000, 0.0000,


0.3409

0.0000


243.2172, 0.3591,
0.3403


 28.1226, 0.4088,
0.3483


 28.1226, 0.4088,
0.3483


 23.8758, 0.4443,
0.3525


 33.1248, 0.3784,
0.3435


 20.3435, 0.4843,
0.3556


 38.9127, 0.3530,
0.3387


 17.4872, 0.5266,
0.3566


 45.5196, 0.3320,
0.3339


 15.2628, 0.5672,
0.3547

 52.9759, 0.3146,
0.3295


 13.6210, 0.6009,
0.3497

 61.3104, 0.3003,
0.3255

 12.6099, 0.6225,
0.3440

 70.5505, 0.2885,
0.3217

 80.7224, 0.2787,
0.3184

 90.2109, 0.2773,
0.3289

Harmonies

Analogous

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



28.1226, 0.3816, 0.3094



28.1226, 0.4088, 0.3483



28.1226, 0.4073, 0.3860

Triad

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



28.1226, 0.4088, 0.3483



28.1226, 0.2858, 0.3916



28.1226, 0.2462, 0.2504

Complementary

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



28.1226, 0.4088, 0.3483



40.1284, 0.2535, 0.3082

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.



28.1226, 0.2253, 0.2642



28.1226, 0.4088, 0.3483



28.1226, 0.2465, 0.3449

Square

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



28.1226, 0.4088, 0.3483



28.1226, 0.3344, 0.4171



28.1226, 0.2253, 0.2974



28.1226, 0.2852, 0.2554

Rectangle

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



28.1226, 0.4088, 0.3483



28.1226, 0.3910, 0.4058



28.1226, 0.2253, 0.2974



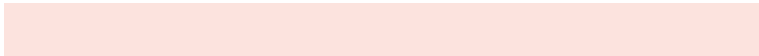
28.1226, 0.2371, 0.2528

Sweetspot

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



28.1240, 0.4088, 0.3483



81.2471, 0.3338, 0.3344



26.8320, 0.3319, 0.2435



17.4277, 0.3364, 0.3350



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.



28.1240, 0.4088, 0.3483



44.2892, 0.4388, 0.3520



40.4507, 0.3867, 0.3994



10.3562, 0.3285, 0.3331



8.3751, 0.6206, 0.3455



0.4516, 0.5805, 0.3773

Inverse Universe

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



40.1284, 0.2535, 0.3082



68.7601, 0.2433, 0.3032



26.4298, 0.2437, 0.2462



11.1192, 0.2984, 0.3249



19.2184, 0.2091, 0.2728



0.9109, 0.2130, 0.2867

Previews

White Background



This preview shows how the Yxy color 28.1226, 0.4088, 0.3483 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 28.1226, 0.4088, 0.3483 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 28.1226, 0.4088, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 28.1226, 0.4088, 0.3483.



This preview shows how white text looks on a background with the Yxy color 28.1226, 0.4088, 0.3483.

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

28.1226, 0.4088, 0.3483

Protanopia

28.4282, 0.3446, 0.3659

Deuteranopia

28.1811, 0.3772, 0.3700



Tritanopia

28.1242, 0.3879, 0.3171

Trichromacy



Original Color

28.1226, 0.4088, 0.3483

Protanomaly

28.1220, 0.3671, 0.3596

Deuteranomaly

28.1039, 0.3887, 0.3613

Tritanomaly

28.0561, 0.3950, 0.3279

Monochromacy



Original Color

28.1226, 0.4088, 0.3483

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9730, 0.3448, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1226, 0.4088, 0.3483 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, 128, 114)` looks like.

```
.text, #text, p{  
    color:rgb(194, 128, 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(194, 128, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 128, 114) }
```

Border

The CSS property to change the border of an element to Yxy 28.1226, 0.4088, 0.3483 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, 128, 114) }
```

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

```
.border{ border-color:rgb(194, 128, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 128, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 128, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 128, 114);  
box-shadow:4px 4px 4px 4px rgb(194, 128,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1226, 0.4088, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 128, 114) }
```

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

```
.background{ background-color: rgb(194,  
128, 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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