

Converting Colors

$Yxy(42.8749, 0.2995, 0.4112)$

Have a look what the booklet for
Yxy(42.8749, 0.2995, 0.4112)
contains.

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Color

Yxy(42.9181, 0.2991, 0.4108)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CBE89 |
| RGB | 124, 190, 137 |
| RGB Percent | 49%, 75%, 54% |
| CMY | 0.5135, 0.2549, 0.4627 |
| CMYK | 0.35, 0.00, 0.28, 0.25 |
| HSL | 132°, 34%, 62% |
| HSV | 132°, 35%, 75% |
| XYZ | 31.2483, 42.9181, 30.3080 |
| YIQ | 164.2240, -22.3230, -30.4750 |

Conversions

Conversions Part 2

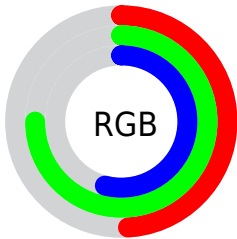
| Format | Color |
|-------------------------------------|--|
| RYB | 124, 179, 190 |
| Decimal | 8175241 |
| CIELab | 71.50, -32.06, 20.28 |
| CIELCh | 71, 37.935, 147.692 |
| Yxy | 42.9181, 0.2991, 0.4108 |
| Android (android.graphics.Color) | 4286365321 (0xFF7CBE89) |
| YUV | 164.2240, -13.4214, -35.2764 |
| Hunter-Lab | 65.5119, -29.5037, 18.4288 |

Details

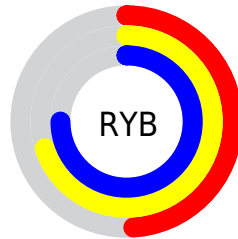
The Yxy color $42.9181, 0.2991, 0.4108$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $28.5535, 0.3303, 0.2592$, and the grayscale version is $37.3172, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.7481, 0.3017, 0.3943$, and $19.6742, 0.2933, 0.4373$ is the 20% darker color. If you saturate the color by 10%, you get $41.2295, 0.2958, 0.4396$, and if you desaturate by 10%, it is $44.9450, 0.3029, 0.3841$.

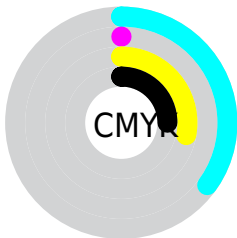
Distribution



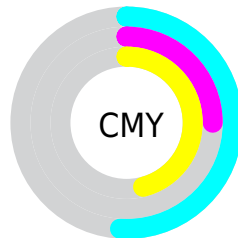
- Red (49%)
- Green (75%)
- Blue (54%)



- Red (49%)
- Yellow (70%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)





- Cyan (51%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9181, 0.2991, 0.4108 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 42.9181, 0.2991, 0.4108 by changing the saturation by 10% instead.

 42.9181, 0.2991,
0.4108

 42.9181, 0.2991,
0.4108


358.2748, 0.3071,
0.3673


 29.8209, 0.2967,
0.4225


 79.5873, 0.3023,
0.3944

 19.7027, 0.2933,
0.4381


 103.9280, 0.3034,
0.3884

 12.1791, 0.2883,
0.4597


 132.7853, 0.3043,
0.3834

 6.8658, 0.2803,
0.4916

166.5436, 0.3050,
0.3792

 3.3783, 0.2659,
0.5430

205.5873, 0.3057,
0.3756

 1.3323, 0.2428,
0.7572

250.3008, 0.3062,

 0.1660, 0.0000,

0.3725

1.0000

301.0686, 0.3067,
0.3697

0.0000, 0.0000,
0.0000

42.9181, 0.2991,
0.4108

42.9181, 0.2991,
0.4108

41.2295, 0.2958,
0.4396

44.9450, 0.3029,
0.3841

39.8557, 0.2931,
0.4695

47.3218, 0.3068,
0.3598

38.7781, 0.2914,
0.4994


50.0660, 0.3109,
0.3383


37.9746, 0.2909,
0.5277


53.1923, 0.3148,
0.3192

37.4192, 0.2917,
0.5525

56.7148, 0.3186,
0.3026

 37.0811, 0.2936,
0.5724

 60.6468, 0.3221,
0.2882

 36.9591, 0.2947,
0.5808

 64.6083, 0.3239,
0.2755

 65.3036, 0.3157,
0.2653

Harmonies

Analogous

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



42.9181, 0.3526, 0.4283



42.9181, 0.2991, 0.4108



42.9181, 0.2517, 0.3639

Triad

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



42.9181, 0.2991, 0.4108



42.9181, 0.2306, 0.2456



42.9181, 0.4123, 0.3358

Complementary

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



42.9181, 0.2991, 0.4108



28.5535, 0.3303, 0.2592

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.



42.9181, 0.3738, 0.2951



42.9181, 0.2991, 0.4108



42.9181, 0.2672, 0.2451

Square

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



42.9181, 0.2991, 0.4108



42.9181, 0.2150, 0.2669



42.9181, 0.3192, 0.2629



42.9181, 0.4207, 0.3782

Rectangle

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



42.9181, 0.2991, 0.4108



42.9181, 0.2296, 0.3267



42.9181, 0.3192, 0.2629



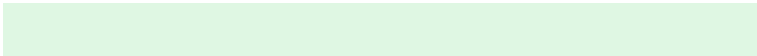
42.9181, 0.4024, 0.3217

Sweetspot

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



42.9199, 0.2991, 0.4108



87.9349, 0.3087, 0.3497



47.7342, 0.3534, 0.4176



19.1568, 0.3081, 0.3528



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.



42.9199, 0.2991, 0.4108



75.2924, 0.2964, 0.4336



43.9823, 0.2775, 0.3600



10.6795, 0.3090, 0.3480



24.5871, 0.2942, 0.5790



0.9724, 0.2819, 0.5348

Inverse Universe

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



28.5535, 0.3303, 0.2592



45.1651, 0.3355, 0.2435



27.4200, 0.3677, 0.3004



9.6633, 0.3167, 0.3108



8.8128, 0.3771, 0.1851



0.3536, 0.3613, 0.1764

Previews

White Background



This preview shows how the Yxy color 42.9181, 0.2991, 0.4108 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 42.9181, 0.2991, 0.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

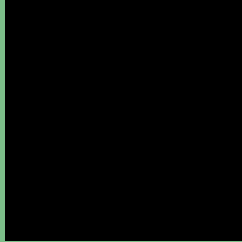
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9181, 0.2991, 0.4108

Background



This preview shows how black text looks on a background with the Yxy color 42.9181, 0.2991, 0.4108.



This preview shows how white text looks on a background with the Yxy color 42.9181, 0.2991, 0.4108.

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

42.9181, 0.2991, 0.4108

Protanopia

42.4486, 0.3627, 0.3883

Deuteranopia

42.5148, 0.3687, 0.3625



Tritanopia

42.7214, 0.2663, 0.3078

Trichromacy



Original Color

42.9181, 0.2991, 0.4108

Protanomaly

42.2285, 0.3366, 0.3963

Deuteranomaly

41.9428, 0.3411, 0.3793

Tritanomaly

42.6986, 0.2784, 0.3436

Monochromacy



Original Color

42.9181, 0.2991, 0.4108

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.6098, 0.3070, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9181, 0.2991, 0.4108 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(124, 190, 137)` looks like.

```
.text, #text, p{  
    color:rgb(124, 190, 137)  
}
```

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(124, 190, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 190, 137) }
```

Border

The CSS property to change the border of an element to Yxy 42.9181, 0.2991, 0.4108 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(124, 190, 137) }
```

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

```
.border{ border-color:rgb(124, 190, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 190, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 190, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 190, 137);  
box-shadow:4px 4px 4px 4px rgb(124, 190,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9181, 0.2991, 0.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 190, 137) }
```

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

```
.background{ background-color: rgb(124,  
190, 137) }
```

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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