

Converting Colors

Yxy(61.2906, 0.2817, 0.4000)

Have a look what the booklet for
Yxy(61.2906, 0.2817, 0.4000)
contains.

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Color

Yxy(61.3410, 0.2817, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	7FE1AC
RGB	127, 225, 172
RGB Percent	50%, 88%, 67%
CMY	0.5023, 0.1176, 0.3255
CMYK	0.44, 0.00, 0.24, 0.12
HSL	148°, 62%, 69%
HSV	148°, 44%, 88%
XYZ	43.1132, 61.3410, 48.5922
YIQ	189.6560, -41.3950, -37.2590

Conversions

Conversions Part 2

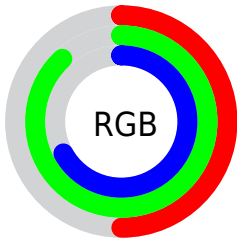
Format	Color
RYB	127, 194, 225
Decimal	8380844
CIELab	82.56, -40.66, 17.10
CIELCh	83, 44.109, 157.196
Yxy	61.3410, 0.2817, 0.4008
Android (android.graphics.Color)	4286570924 (0xFF7FE1AC)
YUV	189.6560, -8.7044, -54.9493
Hunter-Lab	78.3205, -38.8018, 18.0392

Details

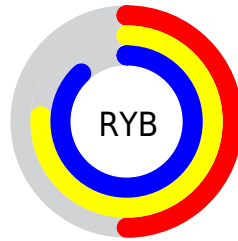
The Yxy color **61.3410, 0.2817, 0.4008** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **34.4590, 0.3643, 0.2678**, and the grayscale version is **51.3423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2564, 0.2861, 0.3598**, and **31.0341, 0.2723, 0.4203** is the 20% darker color. If you saturate the color by 10%, you get **59.3598, 0.2768, 0.4211**, and if you desaturate by 10%, it is **63.7557, 0.2878, 0.3817**.

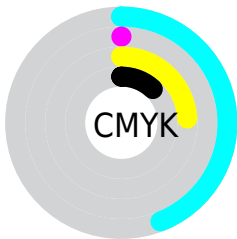
Distribution



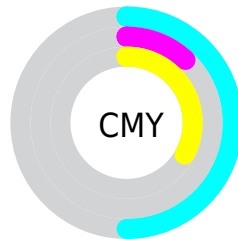
- Red (50%)
- Green (88%)
- Blue (67%)



- Red (50%)
- Yellow (76%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)





- Cyan (50%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3410, 0.2817, 0.4008 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 61.3410, 0.2817, 0.4008 by changing the saturation by 10% instead.


 61.3410, 0.2817,
0.4008


 61.3410, 0.2817,
0.4008

429.5232, 0.2973,
0.3649

 44.5004, 0.2778,
0.4098

 106.7725, 0.2874,
0.3877

 31.0641, 0.2728,
0.4212


 136.1323, 0.2895,
0.3828

 20.6477, 0.2661,
0.4365


 170.4338, 0.2913,
0.3787

 12.8667, 0.2568,
0.4576

210.0617, 0.2929,
0.3751

 7.3368, 0.2430,
0.4888

255.4001, 0.2942,
0.3721

 3.6736, 0.2207,
0.5388

306.8336, 0.2954,

 1.4927, 0.1538,

0.3694

0.6973

364.7465, 0.2964,
0.3670

■ 0.2836, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3410, 0.2817,
0.4008

■ 61.3410, 0.2817,
0.4008

■ 59.3598, 0.2768,
0.4211

■ 63.7557, 0.2878,
0.3817

■ 57.7774, 0.2734,
0.4422


■ 66.6210, 0.2947,
0.3641


■ 56.5658, 0.2718,
0.4636


■ 69.9622, 0.3022,
0.3481


■ 55.6903, 0.2722,
0.4846

■ 73.8006, 0.3099,
0.3338

 55.1084, 0.2746,
0.5044

 78.1559, 0.3177,
0.3210

 54.8473, 0.2768,
0.5164

 81.7104, 0.3206,
0.3095

 82.3400, 0.3141,
0.2999

Harmonies

Analogous

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



61.3410, 0.3364, 0.4299



61.3410, 0.2817, 0.4008



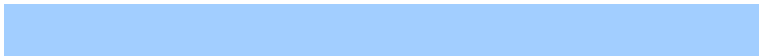
61.3410, 0.2378, 0.3467

Triad

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



61.3410, 0.2817, 0.4008



61.3410, 0.2379, 0.2408



61.3410, 0.4220, 0.3498

Complementary

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



61.3410, 0.2817, 0.4008



34.4590, 0.3643, 0.2678

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.



61.3410, 0.3911, 0.3066



61.3410, 0.2817, 0.4008



61.3410, 0.2814, 0.2466

Square

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



61.3410, 0.2817, 0.4008



61.3410, 0.2148, 0.2556



61.3410, 0.3378, 0.2701



61.3410, 0.4197, 0.3923

Rectangle

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



61.3410, 0.2817, 0.4008



61.3410, 0.2197, 0.3091



61.3410, 0.3378, 0.2701



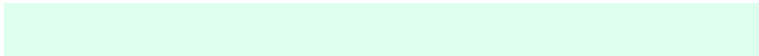
61.3410, 0.4151, 0.3351

Sweetspot

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



61.3435, 0.2817, 0.4008



93.1452, 0.3026, 0.3473



65.1981, 0.3433, 0.4497



19.7122, 0.3009, 0.3507



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.



61.3435, 0.2817, 0.4008



79.1195, 0.2773, 0.4185



63.5385, 0.2563, 0.3351



15.4415, 0.3054, 0.3419



31.6229, 0.2760, 0.5135



2.2098, 0.2677, 0.4839

Inverse Universe

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



34.4590, 0.3643, 0.2678



39.1757, 0.3797, 0.2565



32.8272, 0.4217, 0.3235



13.8238, 0.3208, 0.3164



10.0523, 0.4781, 0.2408



0.7148, 0.4473, 0.2238

Previews

White Background



This preview shows how the Yxy color 61.3410, 0.2817, 0.4008 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 61.3410, 0.2817, 0.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

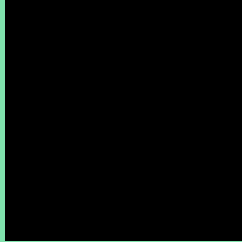
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3410, 0.2817, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 61.3410, 0.2817, 0.4008.

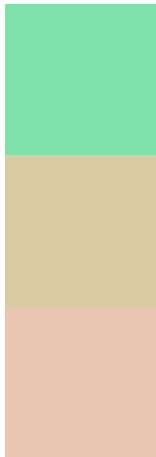


This preview shows how white text looks on a background with the Yxy color 61.3410, 0.2817, 0.4008.

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

61.3410, 0.2817, 0.4008

Protanopia

60.5461, 0.3542, 0.3780

Deuteranopia

60.4705, 0.3569, 0.3503



Tritanopia

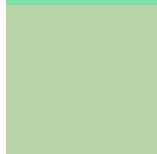
61.3170, 0.2552, 0.3079

Trichromacy



Original Color

61.3410, 0.2817, 0.4008



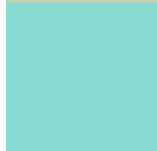
Protanomaly

60.0305, 0.3233, 0.3867



Deuteranomaly

59.2296, 0.3247, 0.3670



Tritanomaly

61.2079, 0.2651, 0.3404

Monochromacy



Original Color

61.3410, 0.2817, 0.4008



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.3463, 0.2995, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3410, 0.2817, 0.4008 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(127, 225, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 225, 172)  
}
```

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(127, 225, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 225, 172) }
```

Border

The CSS property to change the border of an element to Yxy 61.3410, 0.2817, 0.4008 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(127, 225, 172) }
```

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

```
.border{ border-color:rgb(127, 225, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 225, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 225, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 225, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 225,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3410, 0.2817, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 225, 172) }
```

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

```
.background{ background-color: rgb(127,  
225, 172) }
```

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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