

Converting Colors

Yxy(61.8069, 0.2744, 0.3819)

Have a look what the booklet for
Yxy(61.8069, 0.2744, 0.3819)
contains.

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Color

Yxy(61.8652, 0.2746, 0.3824)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FE1B9 |
| RGB | 127, 225, 185 |
| RGB Percent | 50%, 88%, 73% |
| CMY | 0.5022, 0.1176, 0.2746 |
| CMYK | 0.44, 0.00, 0.18, 0.12 |
| HSL | 156°, 62%, 69% |
| HSV | 156°, 44%, 88% |
| XYZ | 44.4252, 61.8652, 55.4910 |
| YIQ | 191.1380, -45.5680, -33.2160 |

Conversions

Conversions Part 2

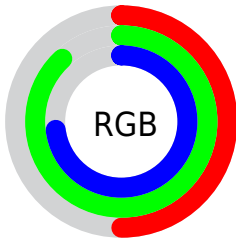
| Format | Color |
|-------------------------------------|---|
| RYB | 127, 189, 225 |
| Decimal | 8380857 |
| CIELab | 82.84, -38.01, 10.66 |
| CIELCh | 83, 39.478, 164.330 |
| Yxy | 61.8652, 0.2746, 0.3824 |
| Android (android.graphics.Color) | 4286570937 (0xFF7FE1B9) |
| YUV | 191.1380, -3.0260, -56.2490 |
| Hunter-Lab | 78.6544, -36.8259, 13.2288 |

Details

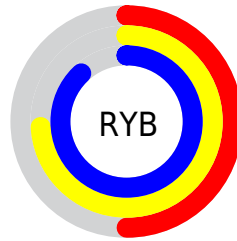
The Yxy color **61.8652, 0.2746, 0.3824** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.9587, 0.3793, 0.2824**, and the grayscale version is **52.2133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0612, 0.2790, 0.3441**, and **31.3440, 0.2643, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **59.9545, 0.2685, 0.3974**, and if you desaturate by 10%, it is **64.1917, 0.2821, 0.3683**.

Distribution



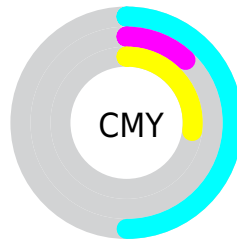
- Red (50%)
- Green (88%)
- Blue (73%)



- Red (50%)
- Yellow (74%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)




- Cyan (50%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8652, 0.2746, 0.3824 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 61.8652, 0.2746, 0.3824 by changing the saturation by 10% instead.

 61.8652, 0.2746,
0.3824

 61.8652, 0.2746,
0.3824


431.4392, 0.2932,
0.3560


 44.9238, 0.2701,
0.3889


 107.5307, 0.2812,
0.3729

 31.3974, 0.2644,
0.3971


 137.0235, 0.2838,
0.3693

 20.9016, 0.2570,
0.4080


 171.4690, 0.2859,
0.3663

 13.0521, 0.2470,
0.4230

211.2515, 0.2878,
0.3636

 7.4645, 0.2326,
0.4448

256.7553, 0.2894,
0.3614

 3.7542, 0.2104,
0.4794

308.3650, 0.2908,

 1.5370, 0.1532,

0.3594

0.5563

366.4648, 0.2920,
0.3576

■ 0.3146, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8652, 0.2746,
0.3824

■ 61.8652, 0.2746,
0.3824

■ 59.9545, 0.2685,
0.3974

■ 64.1917, 0.2821,
0.3683

■ 58.4255, 0.2640,
0.4130


■ 66.9505, 0.2905,
0.3553

■ 57.2511, 0.2614,
0.4290


■ 70.1662, 0.2997,
0.3433


■ 56.3971, 0.2609,
0.4451


■ 73.8594, 0.3092,
0.3326


 55.8220, 0.2623,
0.4607

 78.0495, 0.3190,
0.3230

 55.5576, 0.2640,
0.4705

 81.4151, 0.3238,
0.3142

 81.9750, 0.3178,
0.3054

 82.3389, 0.3141,
0.2999

Harmonies

Analogous

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



61.8652, 0.3227, 0.4150



61.8652, 0.2746, 0.3824



61.8652, 0.2386, 0.3329

Triad

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



61.8652, 0.2746, 0.3824



61.8652, 0.2533, 0.2490



61.8652, 0.4125, 0.3580

Complementary

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



61.8652, 0.2746, 0.3824



33.9587, 0.3793, 0.2824

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.



61.8652, 0.3915, 0.3182



61.8652, 0.2746, 0.3824



61.8652, 0.2963, 0.2583

Square

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



61.8652, 0.2746, 0.3824



61.8652, 0.2274, 0.2582



61.8652, 0.3475, 0.2829



61.8652, 0.4039, 0.3946

Rectangle

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



61.8652, 0.2746, 0.3824



61.8652, 0.2253, 0.3010



61.8652, 0.3475, 0.2829



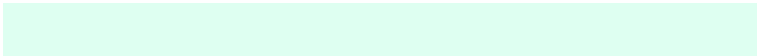
61.8652, 0.4087, 0.3447

Sweetspot

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



61.8677, 0.2746, 0.3824



93.4050, 0.3001, 0.3428



63.6920, 0.3337, 0.4535



19.7763, 0.2981, 0.3453



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.



61.8677, 0.2746, 0.3824



79.8986, 0.2691, 0.3955



59.4878, 0.2521, 0.3184



15.4727, 0.3036, 0.3387



32.0336, 0.2634, 0.4682



2.2380, 0.2568, 0.4443

Inverse Universe

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



33.9587, 0.3793, 0.2824



38.4324, 0.3999, 0.2738



34.8970, 0.4231, 0.3390



13.7928, 0.3228, 0.3195



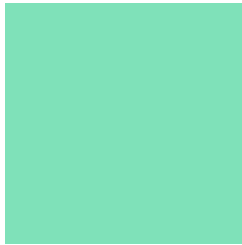
9.6896, 0.5337, 0.2713



0.6891, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 61.8652, 0.2746, 0.3824 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 61.8652, 0.2746, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

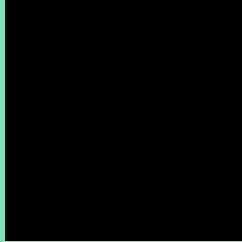
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8652, 0.2746, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 61.8652, 0.2746, 0.3824.

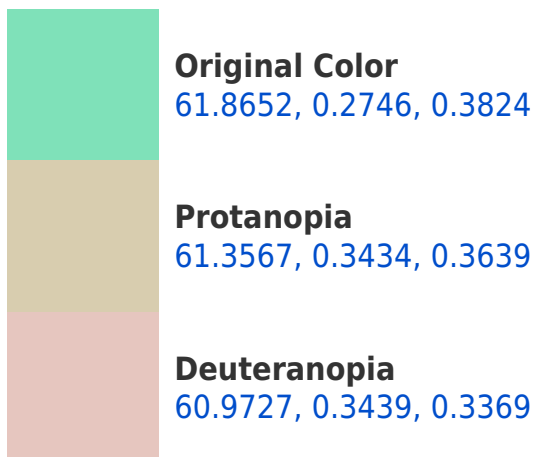


This preview shows how white text looks on a background with the Yxy color 61.8652, 0.2746, 0.3824.

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





Tritanopia

61.7744, 0.2534, 0.3067

Trichromacy



Original Color

61.8652, 0.2746, 0.3824



Protanomaly

60.5320, 0.3145, 0.3700



Deuteranomaly

60.1233, 0.3146, 0.3521



Tritanomaly

61.8736, 0.2611, 0.3339

Monochromacy



Original Color

61.8652, 0.2746, 0.3824



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.7108, 0.2962, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8652, 0.2746, 0.3824 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(127, 225, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 225, 185) }
```

Border

The CSS property to change the border of an element to Yxy 61.8652, 0.2746, 0.3824 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, 185) }
```

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

```
.border{ border-color:rgb(127, 225, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 225, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 225, 185);  
box-shadow:4px 4px 4px 4px rgb(127, 225,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8652, 0.2746, 0.3824 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, 185) }
```

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

```
.background{ background-color: rgb(127,  
225, 185) }
```

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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