

Converting Colors

$Yxy(47.0685, 0.2789, 0.3560)$

Have a look what the booklet for
Yxy(47.0685, 0.2789, 0.3560)
contains.

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Color

Yxy(47.0703, 0.2790, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	84C3B0
RGB	132, 195, 176
RGB Percent	52%, 76%, 69%
CMY	0.4822, 0.2353, 0.3099
CMYK	0.32, 0.00, 0.10, 0.24
HSL	162°, 34%, 64%
HSV	162°, 32%, 76%
XYZ	36.8687, 47.0703, 48.2068
YIQ	173.9970, -31.4490, -19.2650

Conversions

Conversions Part 2

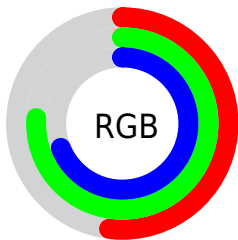
Format	Color
RYB	132, 169, 195
Decimal	8700848
CIELab	74.23, -24.29, 3.14
CIELCh	74, 24.495, 172.626
Yxy	47.0703, 0.2790, 0.3562
Android (android.graphics.Color)	4286890928 (0xFF84C3B0)
YUV	173.9970, 0.9875, -36.8314
Hunter-Lab	68.6078, -24.1408, 6.3658

Details

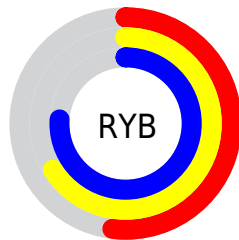
The Yxy color $47.0703, 0.2790, 0.3562$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $30.3479, 0.3637, 0.3037$, and the grayscale version is $42.3358, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0118, 0.2850, 0.3509$, and $22.2105, 0.2693, 0.3631$ is the 20% darker color. If you saturate the color by 10%, you get $45.4158, 0.2704, 0.3662$, and if you desaturate by 10%, it is $49.0326, 0.2887, 0.3469$.

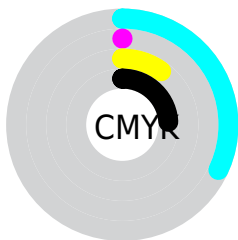
Distribution



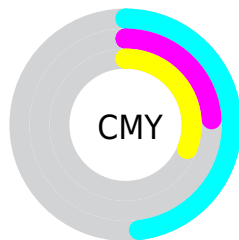
- Red (52%)
- Green (76%)
- Blue (69%)



- Red (52%)
- Yellow (66%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)





- Cyan (48%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0703, 0.2790, 0.3562 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 47.0703, 0.2790, 0.3562 by changing the saturation by 10% instead.


 47.0703, 0.2790,
0.3562

 47.0703, 0.2790,
0.3562

375.0951, 0.2959,
0.3424


 33.0912, 0.2748,
0.3597


 85.8185, 0.2851,
0.3512

 22.1963, 0.2693,
0.3642


 111.3565, 0.2875,
0.3493

 14.0012, 0.2621,
0.3703

 141.5162, 0.2894,
0.3477

 8.1215, 0.2520,
0.3788

176.6821, 0.2911,
0.3463

 4.1728, 0.2369,
0.3919

217.2386, 0.2925,
0.3452

 1.7707, 0.2119,
0.4140

263.5699, 0.2938,

 0.4688, 0.0000,

0.3441

0.6173

316.0606, 0.2949,
0.3432

0.0000, 0.0000,
0.0000

47.0703, 0.2790,
0.3562

47.0703, 0.2790,
0.3562

45.4158, 0.2704,
0.3662

49.0326, 0.2887,
0.3469

44.0469, 0.2631,
0.3768

51.3121, 0.2992,
0.3384

42.9472, 0.2574,
0.3879


53.9251, 0.3102,
0.3307

42.0966, 0.2536,
0.3992


56.8849, 0.3214,
0.3237


41.4718, 0.2518,
0.4107


60.2040, 0.3326,
0.3175


 41.0450, 0.2519,
0.4221

 63.8945, 0.3438,
0.3121

 40.8113, 0.2530,
0.4308

 65.3111, 0.3439,
0.3064

 65.6235, 0.3393,
0.3005

 65.9469, 0.3347,
0.2947

Harmonies

Analogous

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



47.0703, 0.3109, 0.3816



47.0703, 0.2790, 0.3562



47.0703, 0.2568, 0.3233

Triad

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



47.0703, 0.2790, 0.3562



47.0703, 0.2792, 0.2734



47.0703, 0.3809, 0.3581

Complementary

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



47.0703, 0.2790, 0.3562



30.3479, 0.3637, 0.3037

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.



47.0703, 0.3718, 0.3302



47.0703, 0.2790, 0.3562



47.0703, 0.3115, 0.2831

Square

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



47.0703, 0.2790, 0.3562



47.0703, 0.2569, 0.2770



47.0703, 0.3458, 0.3034



47.0703, 0.3705, 0.3805

Rectangle

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



47.0703, 0.2790, 0.3562



47.0703, 0.2498, 0.3030



47.0703, 0.3458, 0.3034



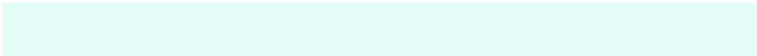
47.0703, 0.3800, 0.3490

Sweetspot

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



47.0722, 0.2790, 0.3562



92.8500, 0.3015, 0.3367



47.3697, 0.3240, 0.4190



20.1931, 0.2999, 0.3378



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.



47.0722, 0.2790, 0.3562



82.0857, 0.2726, 0.3634



42.9031, 0.2651, 0.3125



11.3750, 0.3024, 0.3360



26.5404, 0.2526, 0.4293



1.1585, 0.2456, 0.4041

Inverse Universe

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



30.3479, 0.3637, 0.3037



47.3383, 0.3805, 0.2978



33.0860, 0.3812, 0.3448



10.1269, 0.3243, 0.3221



7.7584, 0.5729, 0.2930



0.3478, 0.5076, 0.2570

Previews

White Background



This preview shows how the Yxy color 47.0703, 0.2790, 0.3562 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 47.0703, 0.2790, 0.3562 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

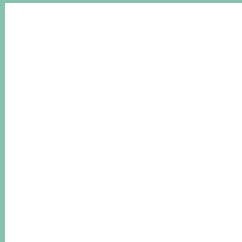
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0703, 0.2790, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 47.0703, 0.2790, 0.3562.

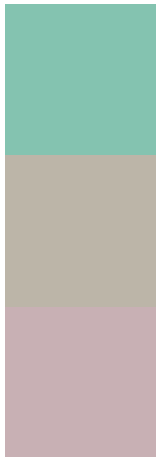


This preview shows how white text looks on a background with the Yxy color 47.0703, 0.2790, 0.3562.

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

47.0703, 0.2790, 0.3562

Protanopia

46.5663, 0.3294, 0.3460

Deuteranopia

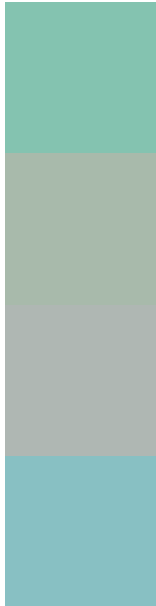
46.6253, 0.3307, 0.3241



Tritanopia

47.2068, 0.2642, 0.3085

Trichromacy



Original Color

47.0703, 0.2790, 0.3562

Protanomaly

46.3829, 0.3093, 0.3494

Deuteranomaly

46.2356, 0.3091, 0.3343

Tritanomaly

46.8736, 0.2691, 0.3247

Monochromacy



Original Color

47.0703, 0.2790, 0.3562

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.9220, 0.2989, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0703, 0.2790, 0.3562 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(132, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(132, 195, 176)  
}
```

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(132, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 195, 176) }
```

Border

The CSS property to change the border of an element to Yxy 47.0703, 0.2790, 0.3562 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(132, 195, 176) }
```

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

```
.border{ border-color:rgb(132, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(132, 195,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0703, 0.2790, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 195, 176) }
```

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

```
.background{ background-color: rgb(132,  
195, 176) }
```

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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