

Converting Colors

$Yxy(44.0951, 0.2714, 0.3545)$

Have a look what the booklet for
Yxy(44.0951, 0.2714, 0.3545)
contains.

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Color

Yxy(44.2395, 0.2712, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	77BFAE
RGB	119, 191, 174
RGB Percent	47%, 75%, 68%
CMY	0.5335, 0.2509, 0.3177
CMYK	0.38, 0.00, 0.09, 0.25
HSL	166°, 36%, 61%
HSV	166°, 38%, 75%
XYZ	33.8728, 44.2395, 46.7875
YIQ	167.5340, -37.4550, -20.5510

Conversions

Conversions Part 2

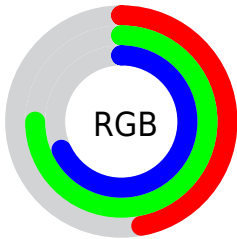
Format	Color
RYB	119, 160, 191
Decimal	7847854
CIELab	72.39, -26.49, 1.47
CIELCh	72, 26.532, 176.821
Yxy	44.2395, 0.2712, 0.3542
Android (android.graphics.Color)	4286037934 (0xFF77BFAE)
YUV	167.5340, 3.1877, -42.5643
Hunter-Lab	66.5128, -25.4931, 4.8523

Details

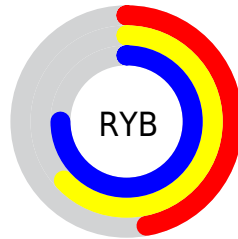
The Yxy color **44.2395, 0.2712, 0.3542** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.0401, 0.3819, 0.3058**, and the grayscale version is **38.9117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7906, 0.2792, 0.3504**, and **20.4547, 0.2591, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **42.8503, 0.2627, 0.3621**, and if you desaturate by 10%, it is **45.9098, 0.2810, 0.3467**.

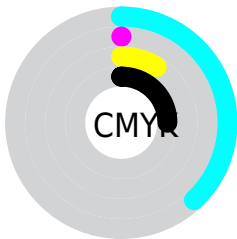
Distribution



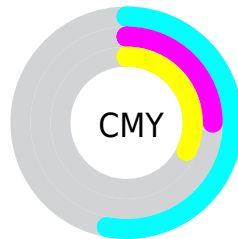
- Red (47%)
- Green (75%)
- Blue (68%)



- Red (47%)
- Yellow (63%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (53%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2395, 0.2712, 0.3542 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 44.2395, 0.2712, 0.3542 by changing the saturation by 10% instead.

 44.2395, 0.2712,
0.3542

 44.2395, 0.2712,
0.3542


363.6847, 0.2921,
0.3414


 30.8588, 0.2659,
0.3574


 81.5780, 0.2788,
0.3495

 20.4914, 0.2591,
0.3616


 106.3046, 0.2817,
0.3478

 12.7527, 0.2501,
0.3673

 135.5821, 0.2841,
0.3463

 7.2585, 0.2373,
0.3753

169.7947, 0.2862,
0.3450

 3.6243, 0.2182,
0.3875

209.3268, 0.2880,
0.3440

 1.4657, 0.1835,
0.4096

254.5630, 0.2895,

 0.2644, 0.0000,

0.3430

0.5883

305.8875, 0.2909,
0.3422

0.0000, 0.0000,
0.0000

44.2395, 0.2712,
0.3542

44.2395, 0.2712,
0.3542

42.8503, 0.2627,
0.3621

45.9098, 0.2810,
0.3467

41.7203, 0.2557,
0.3704

47.8708, 0.2919,
0.3398

40.8332, 0.2505,
0.3790


50.1384, 0.3035,
0.3335


40.1684, 0.2472,
0.3877

52.7255, 0.3155,
0.3277

39.7019, 0.2458,
0.3965


55.6444, 0.3277,
0.3226

 39.3980, 0.2462,
0.4051

 58.9069, 0.3400,
0.3180

 39.3377, 0.2464,
0.4071

 62.5239, 0.3521,
0.3140

 63.1850, 0.3503,
0.3095

 63.4134, 0.3466,
0.3049

Harmonies

Analogous

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



44.2395, 0.3053, 0.3846



44.2395, 0.2712, 0.3542



44.2395, 0.2489, 0.3174

Triad

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



44.2395, 0.2712, 0.3542



44.2395, 0.2802, 0.2687



44.2395, 0.3878, 0.3647

Complementary

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



44.2395, 0.2712, 0.3542



26.0401, 0.3819, 0.3058

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.



44.2395, 0.3808, 0.3344



44.2395, 0.2712, 0.3542



44.2395, 0.3167, 0.2811

Square

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



44.2395, 0.2712, 0.3542



44.2395, 0.2539, 0.2702



44.2395, 0.3541, 0.3046



44.2395, 0.3733, 0.3883

Rectangle

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



44.2395, 0.2712, 0.3542



44.2395, 0.2429, 0.2959



44.2395, 0.3541, 0.3046



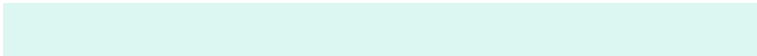
44.2395, 0.3879, 0.3549

Sweetspot

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



44.2413, 0.2712, 0.3542



88.3195, 0.2994, 0.3356



43.9140, 0.3214, 0.4374



19.2704, 0.2978, 0.3365



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.



44.2413, 0.2712, 0.3542



77.1961, 0.2643, 0.3605



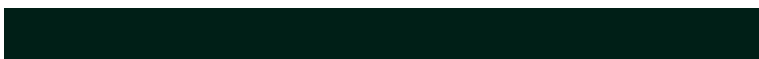
37.5684, 0.2569, 0.3020



10.7699, 0.3015, 0.3345



25.8616, 0.2461, 0.4059



1.0226, 0.2404, 0.3852

Inverse Universe

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



26.0401, 0.3819, 0.3058



40.0794, 0.4043, 0.3010



30.2931, 0.3946, 0.3541



9.5724, 0.3252, 0.3236



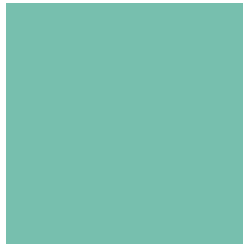
7.4152, 0.5944, 0.3048



0.3010, 0.5253, 0.2668

Previews

White Background



This preview shows how the Yxy color 44.2395, 0.2712, 0.3542 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 44.2395, 0.2712, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

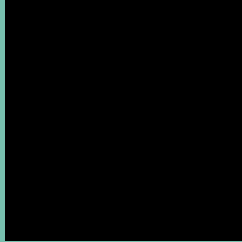
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

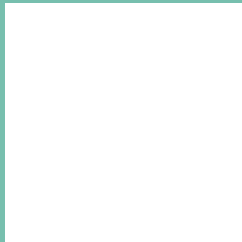
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2395, 0.2712, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 44.2395, 0.2712, 0.3542.

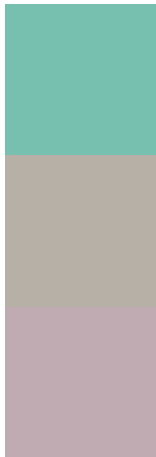


This preview shows how white text looks on a background with the Yxy color 44.2395, 0.2712, 0.3542.

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

44.2395, 0.2712, 0.3542

Protanopia

43.7489, 0.3264, 0.3424

Deuteranopia

43.6776, 0.3267, 0.3201



Tritanopia

44.2405, 0.2577, 0.3078

Trichromacy



Original Color

44.2395, 0.2712, 0.3542

Protanomaly

43.2832, 0.3035, 0.3458

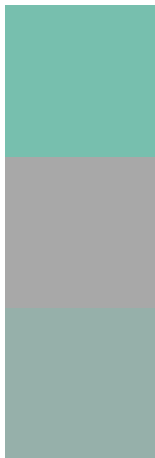
Deuteranomaly

43.1221, 0.3032, 0.3303

Tritanomaly

43.9832, 0.2620, 0.3231

Monochromacy



Original Color

44.2395, 0.2712, 0.3542

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.4370, 0.2952, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2395, 0.2712, 0.3542 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(119, 191, 174)` looks like.

```
.text, #text, p{  
    color:rgb(119, 191, 174)  
}
```

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(119, 191, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 191, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.2395, 0.2712, 0.3542 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(119, 191, 174) }
```

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

```
.border{ border-color:rgb(119, 191, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 191, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 191, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 191, 174);  
box-shadow:4px 4px 4px 4px rgb(119, 191,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2395, 0.2712, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 191, 174) }
```

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

```
.background{ background-color: rgb(119,  
191, 174) }
```

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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