

Converting Colors

$Yxy(60.6990, 0.2744, 0.4001)$

Have a look what the booklet for
Yxy(60.6990, 0.2744, 0.4001)
contains.

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Color

Yxy(60.4838, 0.2739, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	72E1AE
RGB	114, 225, 174
RGB Percent	45%, 88%, 68%
CMY	0.5531, 0.1176, 0.3177
CMYK	0.49, 0.00, 0.23, 0.12
HSL	152°, 65%, 66%
HSV	152°, 49%, 88%
XYZ	41.4993, 60.4838, 49.5294
YIQ	185.9970, -49.7850, -39.3930

Conversions

Conversions Part 2

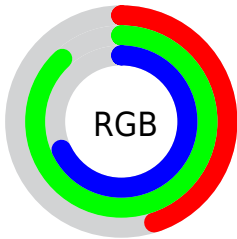
Format	Color
RYB	114, 186, 225
Decimal	7528878
CIELab	82.10, -43.53, 15.32
CIELCh	82, 46.147, 160.605
Yxy	60.4838, 0.2739, 0.3992
Android (android.graphics.Color)	4285718958 (0xFF72E1AE)
YUV	185.9970, -5.9145, -63.1414
Hunter-Lab	77.7713, -40.8511, 16.6805

Details

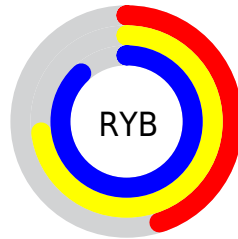
The Yxy color **60.4838, 0.2739, 0.3992** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.7482, 0.3853, 0.2702**, and the grayscale version is **49.1500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0038, 0.2783, 0.3569**, and **30.5133, 0.2632, 0.4203** is the 20% darker color. If you saturate the color by 10%, you get **58.7715, 0.2691, 0.4167**, and if you desaturate by 10%, it is **62.6031, 0.2801, 0.3826**.

Distribution



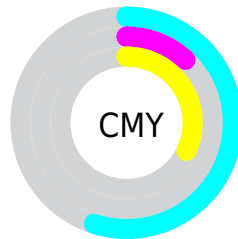
- Red (45%)
- Green (88%)
- Blue (68%)



- Red (45%)
- Yellow (73%)
- Blue (88%)



- Cyan (49%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)





- Cyan (55%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4838, 0.2739, 0.3992 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 60.4838, 0.2739, 0.3992 by changing the saturation by 10% instead.


 60.4838, 0.2739,
0.3992

 60.4838, 0.2739,
0.3992


426.3788, 0.2932,
0.3640

 43.8087, 0.2691,
0.4080


 105.5312, 0.2809,
0.3864

 30.5202, 0.2630,
0.4193


 134.6722, 0.2835,
0.3816

 20.2337, 0.2550,
0.4342


 168.7374, 0.2857,
0.3775

 12.5651, 0.2439,
0.4550

208.1111, 0.2877,
0.3741

 7.1297, 0.2277,
0.4858

253.1777, 0.2893,
0.3711

 3.5434, 0.2020,
0.5353

304.3215, 0.2908,

 1.4216, 0.1043,

0.3684

0.7039

361.9271, 0.2921,
0.3661

0.2325, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.4838, 0.2739,
0.3992

60.4838, 0.2739,
0.3992

58.7715, 0.2691,
0.4167

62.6031, 0.2801,
0.3826

57.4303, 0.2661,
0.4348


65.1475, 0.2875,
0.3670

56.4304, 0.2651,
0.4529


68.1430, 0.2957,
0.3528


55.7337, 0.2661,
0.4707


71.6110, 0.3044,
0.3399

 55.2787, 0.2689,
0.4877

 75.5720, 0.3133,
0.3283

 55.2529, 0.2691,
0.4888

 80.0449, 0.3223,
0.3180

 81.7913, 0.3197,
0.3081

 82.3362, 0.3141,
0.2999

Harmonies

Analogous

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



60.4838, 0.3306, 0.4339



60.4838, 0.2739, 0.3992



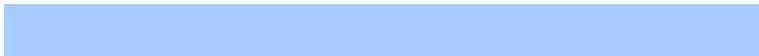
60.4838, 0.2302, 0.3404

Triad

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



60.4838, 0.2739, 0.3992



60.4838, 0.2385, 0.2364



60.4838, 0.4291, 0.3556

Complementary

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



60.4838, 0.2739, 0.3992



30.7482, 0.3853, 0.2702

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.



60.4838, 0.4003, 0.3102



60.4838, 0.2739, 0.3992



60.4838, 0.2860, 0.2449

Square

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



60.4838, 0.2739, 0.3992



60.4838, 0.2119, 0.2491



60.4838, 0.3458, 0.2712



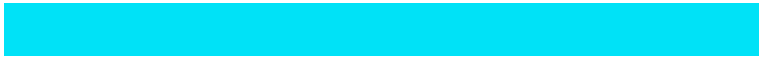
60.4838, 0.4224, 0.3994

Rectangle

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



60.4838, 0.2739, 0.3992



60.4838, 0.2132, 0.3016



60.4838, 0.3458, 0.2712



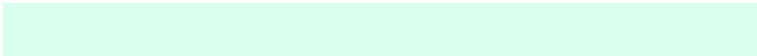
60.4838, 0.4233, 0.3402

Sweetspot

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



60.4862, 0.2739, 0.3992



92.3731, 0.2993, 0.3471



63.1531, 0.3394, 0.4696



19.5677, 0.2975, 0.3499



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.



60.4862, 0.2739, 0.3992



78.0367, 0.2691, 0.4168



60.8870, 0.2473, 0.3240



15.4606, 0.3043, 0.3400



31.8597, 0.2684, 0.4862



2.2264, 0.2611, 0.4598

Inverse Universe

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



30.7482, 0.3853, 0.2702



34.3143, 0.4085, 0.2603



30.0984, 0.4493, 0.3337



13.8047, 0.3220, 0.3183



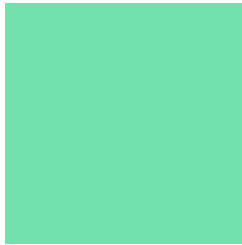
9.8157, 0.5123, 0.2596



0.6983, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 60.4838, 0.2739, 0.3992 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 60.4838, 0.2739, 0.3992 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 60.4838, 0.2739, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 60.4838, 0.2739, 0.3992.



This preview shows how white text looks on a background with the Yxy color 60.4838, 0.2739, 0.3992.

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

60.4838, 0.2739, 0.3992

Protanopia

59.3325, 0.3523, 0.3749

Deuteranopia

59.3144, 0.3541, 0.3460



Tritanopia

60.3120, 0.2492, 0.3076

Trichromacy



Original Color

60.4838, 0.2739, 0.3992



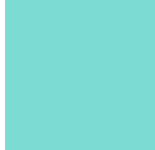
Protanomaly

58.3482, 0.3183, 0.3839



Deuteranomaly

58.0483, 0.3187, 0.3639



Tritanomaly

60.2250, 0.2579, 0.3393

Monochromacy



Original Color

60.4838, 0.2739, 0.3992



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

52.1595, 0.2950, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4838, 0.2739, 0.3992 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(114, 225, 174)` looks like.

```
.text, #text, p{  
    color:rgb(114, 225, 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(114, 225, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 225, 174) }
```

Border

The CSS property to change the border of an element to Yxy 60.4838, 0.2739, 0.3992 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(114, 225, 174) }
```

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

```
.border{ border-color:rgb(114, 225, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 225, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 225, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 225, 174);  
box-shadow:4px 4px 4px 4px rgb(114, 225,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4838, 0.2739, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 225, 174) }
```

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

```
.background{ background-color: rgb(114,  
225, 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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