

Converting Colors

$Yxy(42.4003, 0.2762, 0.3702)$

Have a look what the booklet for
Yxy(42.4003, 0.2762, 0.3702)
contains.

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Color

Yxy(42.2199, 0.2759, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	73BCA2
RGB	115, 188, 162
RGB Percent	45%, 74%, 64%
CMY	0.5489, 0.2627, 0.3648
CMYK	0.39, 0.00, 0.14, 0.26
HSL	159°, 35%, 59%
HSV	159°, 39%, 74%
XYZ	31.5762, 42.2199, 40.6520
YIQ	163.2090, -35.1620, -23.5620

Conversions

Conversions Part 2

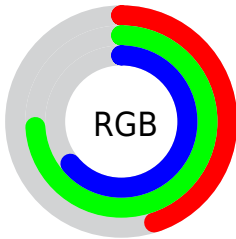
Format	Color
RYB	115, 159, 188
Decimal	7584930
CIELab	71.02, -28.80, 6.02
CIElCh	71, 29.426, 168.186
Yxy	42.2199, 0.2759, 0.3689
Android (android.graphics.Color)	4285775010 (0xFF73BCA2)
YUV	163.2090, -0.5960, -42.2793
Hunter-Lab	64.9768, -26.9654, 8.3897

Details

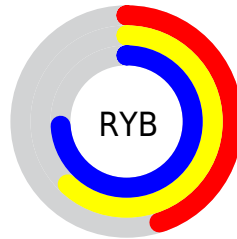
The Yxy color $42.2199, 0.2759, 0.3689$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $24.8869, 0.3731, 0.2930$, and the grayscale version is $36.7487, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8606, 0.2830, 0.3614$, and $19.2001, 0.2650, 0.3819$ is the 20% darker color. If you saturate the color by 10%, you get $40.8417, 0.2686, 0.3813$, and if you desaturate by 10%, it is $43.8741, 0.2844, 0.3573$.

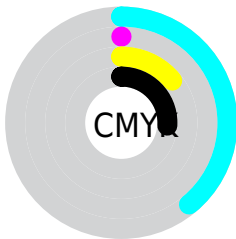
Distribution



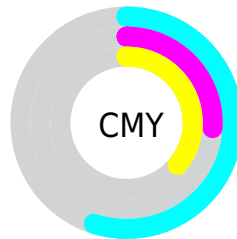
- Red (45%)
- Green (74%)
- Blue (64%)



- Red (45%)
- Yellow (62%)
- Blue (74%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (26%)





- Cyan (55%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2199, 0.2759, 0.3689 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 42.2199, 0.2759, 0.3689 by changing the saturation by 10% instead.


 42.2199, 0.2759,
0.3689

 42.2199, 0.2759,
0.3689


355.3937, 0.2948,
0.3481

 29.2735, 0.2710,
0.3744


 78.5323, 0.2829,
0.3611

 19.2878, 0.2646,
0.3816


 102.6672, 0.2855,
0.3583

 11.8784, 0.2560,
0.3914


 131.3003, 0.2877,
0.3559

 6.6610, 0.2436,
0.4059

164.8160, 0.2895,
0.3539

 3.2510, 0.2243,
0.4288

203.5989, 0.2911,
0.3522

 1.2641, 0.1738,
0.4810

248.0332, 0.2925,

 0.1132, 0.0000,

0.3506

1.0000

298.5033, 0.2937,
0.3493

0.0000, 0.0000,
0.0000

42.2199, 0.2759,
0.3689

42.2199, 0.2759,
0.3689

40.8417, 0.2686,
0.3813

43.8741, 0.2844,
0.3573

39.7184, 0.2628,
0.3944

45.8141, 0.2937,
0.3466

38.8338, 0.2588,
0.4079

48.0551, 0.3037,
0.3368

38.1677, 0.2567,
0.4217

50.6100, 0.3140,
0.3280

37.6964, 0.2566,
0.4353

53.4907, 0.3244,
0.3201

■ 37.3794, 0.2582,
0.4488

■ 56.7087, 0.3347,
0.3132

■ 37.3452, 0.2584,
0.4504

■ 60.2748, 0.3449,
0.3070

■ 62.1654, 0.3463,
0.3008

■ 62.5187, 0.3409,
0.2941

Harmonies

Analogous

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



42.2199, 0.3163, 0.3987



42.2199, 0.2759, 0.3689



42.2199, 0.2466, 0.3274

Triad

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



42.2199, 0.2759, 0.3689



42.2199, 0.2662, 0.2604



42.2199, 0.3976, 0.3590

Complementary

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



42.2199, 0.2759, 0.3689



24.8869, 0.3731, 0.2930

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.



42.2199, 0.3829, 0.3247



42.2199, 0.2759, 0.3689



42.2199, 0.3045, 0.2702

Square

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



42.2199, 0.2759, 0.3689



42.2199, 0.2415, 0.2667



42.2199, 0.3478, 0.2931



42.2199, 0.3877, 0.3889

Rectangle

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



42.2199, 0.2759, 0.3689



42.2199, 0.2365, 0.3012



42.2199, 0.3478, 0.2931



42.2199, 0.3954, 0.3477

Sweetspot

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



42.2216, 0.2759, 0.3689



85.6541, 0.3002, 0.3400



42.9377, 0.3287, 0.4383



18.3044, 0.2989, 0.3413



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.2216, 0.2759, 0.3689



74.2571, 0.2693, 0.3800



39.2276, 0.2574, 0.3143



10.7502, 0.3031, 0.3373



25.4410, 0.2580, 0.4487



1.0086, 0.2490, 0.4165

Inverse Universe

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



24.8869, 0.3731, 0.2930



38.2062, 0.3943, 0.2849



26.5384, 0.4024, 0.3429



9.5911, 0.3234, 0.3208



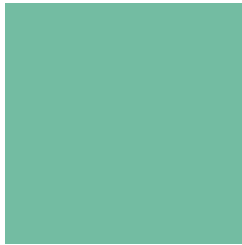
7.5688, 0.5521, 0.2815



0.3091, 0.4851, 0.2446

Previews

White Background



This preview shows how the Yxy color 42.2199, 0.2759, 0.3689 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 42.2199, 0.2759, 0.3689 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 42.2199, 0.2759, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 42.2199, 0.2759, 0.3689.



This preview shows how white text looks on a background with the Yxy color 42.2199, 0.2759, 0.3689.

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

42.2199, 0.2759, 0.3689

Protanopia

41.6619, 0.3364, 0.3536

Deuteranopia

41.5971, 0.3371, 0.3304



Tritanopia

42.2293, 0.2580, 0.3074

Trichromacy



Original Color

42.2199, 0.2759, 0.3689

Protanomaly

41.4432, 0.3113, 0.3593

Deuteranomaly

41.2691, 0.3112, 0.3431

Tritanomaly

42.2657, 0.2645, 0.3289

Monochromacy



Original Color

42.2199, 0.2759, 0.3689

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.2604, 0.2972, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2199, 0.2759, 0.3689 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(115, 188, 162)` looks like.

```
.text, #text, p{  
    color:rgb(115, 188, 162)  
}
```

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(115, 188, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 188, 162) }
```

Border

The CSS property to change the border of an element to Yxy 42.2199, 0.2759, 0.3689 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(115, 188, 162) }
```

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

```
.border{ border-color:rgb(115, 188, 162) }
```

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

Here you see how a box with a 4 pixel rgb(115, 188, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 188, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 188, 162);  
box-shadow:4px 4px 4px 4px rgb(115, 188,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2199, 0.2759, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 188, 162) }
```

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

```
.background{ background-color: rgb(115,  
188, 162) }
```

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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