

Converting Colors

$Yxy(44.2593, 0.2753, 0.3761)$

Have a look what the booklet for
Yxy(44.2593, 0.2753, 0.3761)
contains.

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Color

Yxy(44.2593, 0.2753, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	71C1A2
RGB	113, 193, 162
RGB Percent	44%, 76%, 64%
CMY	0.5571, 0.2431, 0.3647
CMYK	0.41, 0.00, 0.16, 0.24
HSL	157°, 39%, 60%
HSV	157°, 41%, 76%
XYZ	32.3972, 44.2593, 41.0231
YIQ	165.5460, -37.7290, -26.6010

Conversions

Conversions Part 2

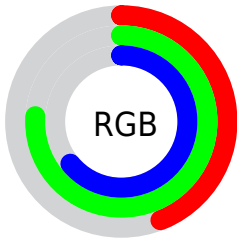
Format	Color
RYB	113, 163, 193
Decimal	7455138
CIELab	72.40, -31.77, 7.97
CIELCh	72, 32.755, 165.925
Yxy	44.2593, 0.2753, 0.3761
Android (android.graphics.Color)	4285645218 (0xFF71C1A2)
YUV	165.5460, -1.7482, -46.0828
Hunter-Lab	66.5277, -29.4987, 10.0092

Details

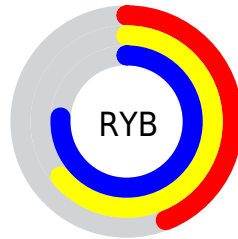
The Yxy color **44.2593, 0.2753, 0.3761** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.1494, 0.3760, 0.2872**, and the grayscale version is **37.9205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7058, 0.2823, 0.3669**, and **20.5208, 0.2646, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **42.8569, 0.2687, 0.3899**, and if you desaturate by 10%, it is **45.9532, 0.2832, 0.3631**.

Distribution



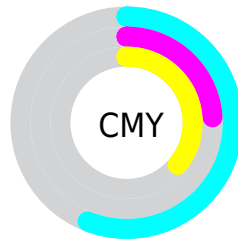
- Red (44%)
- Green (76%)
- Blue (64%)



- Red (44%)
- Yellow (64%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)





- Cyan (56%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2593, 0.2753, 0.3761 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 44.2593, 0.2753, 0.3761 by changing the saturation by 10% instead.


 44.2593, 0.2753,
0.3761

 44.2593, 0.2753,
0.3761


363.7654, 0.2945,
0.3516

 30.8744, 0.2704,
0.3825


 81.6078, 0.2824,
0.3670

 20.5032, 0.2639,
0.3909


 106.3402, 0.2850,
0.3636

 12.7614, 0.2552,
0.4025


 135.6238, 0.2872,
0.3608

 7.2644, 0.2428,
0.4193

169.8432, 0.2891,
0.3584

 3.6280, 0.2236,
0.4459

209.3826, 0.2907,
0.3564

 1.4677, 0.1803,
0.5001

254.6265, 0.2921,


 0.2659, 0.0000,

0.3546

1.0000


305.9593, 0.2934,
0.3530


 0.0000, 0.0000,
0.0000


 44.2593, 0.2753,
0.3761


 44.2593, 0.2753,
0.3761


 42.8569, 0.2687,
0.3899


 45.9532, 0.2832,
0.3631


 41.7231, 0.2636,
0.4044

 47.9495, 0.2920,
0.3512


 40.8398, 0.2603,
0.4193


 50.2648, 0.3014,
0.3402


 40.1845, 0.2590,
0.4344


 52.9130, 0.3112,
0.3304

 39.7306, 0.2597,
0.4492


 55.9073, 0.3212,
0.3216

 39.4595, 0.2616,
0.4616

 59.2600, 0.3312,
0.3137

 62.9828, 0.3409,
0.3068

 64.6677, 0.3406,
0.2998

 65.0769, 0.3348,
0.2924

Harmonies

Analogous

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



44.2593, 0.3198, 0.4073



44.2593, 0.2753, 0.3761



44.2593, 0.2424, 0.3304

Triad

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



44.2593, 0.2753, 0.3761



44.2593, 0.2592, 0.2543



44.2593, 0.4055, 0.3585

Complementary

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



44.2593, 0.2753, 0.3761



25.1494, 0.3760, 0.2872

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.



44.2593, 0.3874, 0.3212



44.2593, 0.2753, 0.3761



44.2593, 0.3001, 0.2638

Square

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



44.2593, 0.2753, 0.3761



44.2593, 0.2339, 0.2622



44.2593, 0.3476, 0.2876



44.2593, 0.3964, 0.3920

Rectangle

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



44.2593, 0.2753, 0.3761



44.2593, 0.2305, 0.3012



44.2593, 0.3476, 0.2876



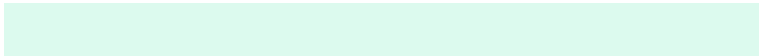
44.2593, 0.4025, 0.3460

Sweetspot

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



44.2611, 0.2753, 0.3761



89.7011, 0.3007, 0.3410



45.3531, 0.3317, 0.4461



19.1210, 0.2995, 0.3424



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.



44.2611, 0.2753, 0.3761



76.9070, 0.2691, 0.3889



42.0578, 0.2547, 0.3171



11.3602, 0.3035, 0.3381



26.2580, 0.2610, 0.4597



1.1477, 0.2520, 0.4271

Inverse Universe

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



25.1494, 0.3760, 0.2872



37.9899, 0.3979, 0.2784



26.1935, 0.4131, 0.3402



10.1410, 0.3230, 0.3201



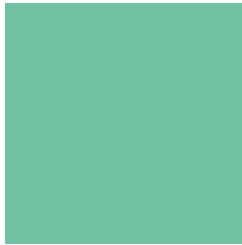
7.8907, 0.5404, 0.2751



0.3544, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 44.2593, 0.2753, 0.3761 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 44.2593, 0.2753, 0.3761 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 44.2593, 0.2753, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 44.2593, 0.2753, 0.3761.



This preview shows how white text looks on a background with the Yxy color 44.2593, 0.2753, 0.3761.

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

44.2593, 0.2753, 0.3761

Protanopia

43.6649, 0.3402, 0.3599

Deuteranopia

43.7862, 0.3402, 0.3342



Tritanopia

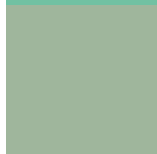
44.0159, 0.2558, 0.3077

Trichromacy



Original Color

44.2593, 0.2753, 0.3761



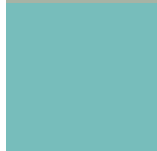
Protanomaly

43.2271, 0.3135, 0.3660



Deuteranomaly

43.0638, 0.3127, 0.3485



Tritanomaly

43.9050, 0.2628, 0.3318

Monochromacy



Original Color

44.2593, 0.2753, 0.3761



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

39.9703, 0.2966, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2593, 0.2753, 0.3761 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(113, 193, 162)` looks like.

```
.text, #text, p{  
    color:rgb(113, 193, 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(113, 193, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 193, 162) }
```

Border

The CSS property to change the border of an element to Yxy 44.2593, 0.2753, 0.3761 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(113, 193, 162) }
```

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

```
.border{ border-color:rgb(113, 193, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 193, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 193, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 193, 162);  
box-shadow:4px 4px 4px 4px rgb(113, 193,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2593, 0.2753, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 193, 162) }
```

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

```
.background{ background-color: rgb(113,  
193, 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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