

Converting Colors

$Yxy(44.3462, 0.2733, 0.3707)$

Have a look what the booklet for
Yxy(44.3462, 0.2733, 0.3707)
contains.

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Color

Yxy(44.3673, 0.2735, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	71C1A5
RGB	113, 193, 165
RGB Percent	44%, 76%, 65%
CMY	0.5565, 0.2432, 0.3529
CMYK	0.41, 0.00, 0.14, 0.24
HSL	159°, 39%, 60%
HSV	159°, 41%, 76%
XYZ	32.6810, 44.3673, 42.4435
YIQ	165.8880, -38.6920, -25.6680

Conversions

Conversions Part 2

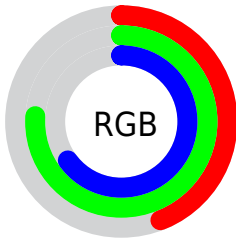
Format	Color
RYB	113, 161, 193
Decimal	7455141
CIELab	72.47, -31.06, 6.44
CIElCh	72, 31.726, 168.286
Yxy	44.3673, 0.2735, 0.3713
Android (android.graphics.Color)	4285645221 (0xFF71C1A5)
YUV	165.8880, -0.4378, -46.3828
Hunter-Lab	66.6088, -28.9859, 8.8462

Details

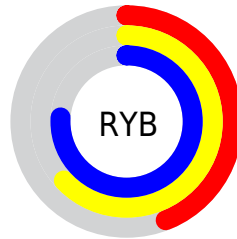
The Yxy color **44.3673, 0.2735, 0.3713** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.0923, 0.3798, 0.2912**, and the grayscale version is **38.1036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8634, 0.2808, 0.3634**, and **20.5873, 0.2622, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **42.9813, 0.2665, 0.3837**, and if you desaturate by 10%, it is **46.0421, 0.2818, 0.3597**.

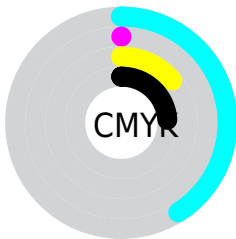
Distribution



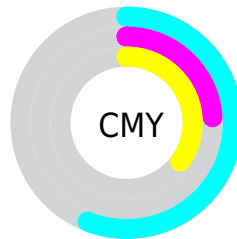
- Red (44%)
- Green (76%)
- Blue (65%)



- Red (44%)
- Yellow (63%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)




- Cyan (56%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3673, 0.2735, 0.3713 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 44.3673, 0.2735, 0.3713 by changing the saturation by 10% instead.


 44.3673, 0.2735,
0.3713


 44.3673, 0.2735,
0.3713


364.2050, 0.2935,
0.3494


 30.9594, 0.2684,
0.3770


 81.7702, 0.2809,
0.3632

 20.5679, 0.2618,
0.3845


 106.5339, 0.2836,
0.3602

 12.8085, 0.2528,
0.3947


 135.8516, 0.2859,
0.3577

 7.2968, 0.2401,
0.4094

170.1078, 0.2879,
0.3555

 3.6484, 0.2207,
0.4326

209.6869, 0.2896,
0.3537

 1.4789, 0.1794,
0.4788

254.9732, 0.2910,

 0.2738, 0.0000,

0.3521

1.0000

306.3511, 0.2923,
0.3507

0.0000, 0.0000,
0.0000

44.3673, 0.2735,
0.3713

44.3673, 0.2735,
0.3713

42.9813, 0.2665,
0.3837

46.0421, 0.2818,
0.3597

41.8613, 0.2611,
0.3967

48.0164, 0.2910,
0.3489

40.9892, 0.2575,
0.4100

50.3068, 0.3009,
0.3391

40.3428, 0.2559,
0.4235

52.9272, 0.3113,
0.3302


39.8954, 0.2563,
0.4369

55.8907, 0.3218,
0.3222

 39.6263, 0.2578,
0.4482

 59.2094, 0.3323,
0.3151

 62.8951, 0.3426,
0.3089

 64.5136, 0.3427,
0.3025

 64.8770, 0.3374,
0.2958

Harmonies

Analogous

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



44.3673, 0.3161, 0.4031



44.3673, 0.2735, 0.3713



44.3673, 0.2428, 0.3269

Triad

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



44.3673, 0.2735, 0.3713



44.3673, 0.2635, 0.2566



44.3673, 0.4028, 0.3605

Complementary

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



44.3673, 0.2735, 0.3713



25.0923, 0.3798, 0.2912

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.



44.3673, 0.3872, 0.3243



44.3673, 0.2735, 0.3713



44.3673, 0.3041, 0.2670

Square

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



44.3673, 0.2735, 0.3713



44.3673, 0.2375, 0.2630



44.3673, 0.3500, 0.2911



44.3673, 0.3920, 0.3923

Rectangle

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



44.3673, 0.2735, 0.3713



44.3673, 0.2322, 0.2992



44.3673, 0.3500, 0.2911



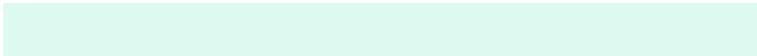
44.3673, 0.4005, 0.3486

Sweetspot

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



44.3691, 0.2735, 0.3713



89.7666, 0.3001, 0.3398



45.1147, 0.3295, 0.4467



19.1365, 0.2988, 0.3411



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.



44.3691, 0.2735, 0.3713



77.1286, 0.2669, 0.3829



40.9605, 0.2541, 0.3131



11.3666, 0.3030, 0.3372



26.3751, 0.2574, 0.4465



1.1522, 0.2492, 0.4170

Inverse Universe

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



25.0923, 0.3798, 0.2912



37.8136, 0.4033, 0.2832



26.8821, 0.4113, 0.3439



10.1348, 0.3235, 0.3210



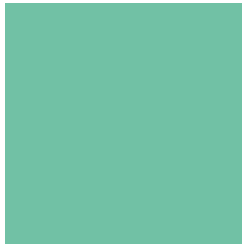
7.8288, 0.5550, 0.2831



0.3514, 0.4922, 0.2485

Previews

White Background



This preview shows how the Yxy color 44.3673, 0.2735, 0.3713 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 44.3673, 0.2735, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

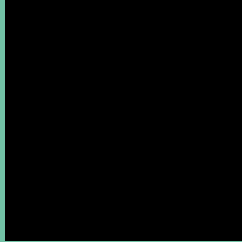
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

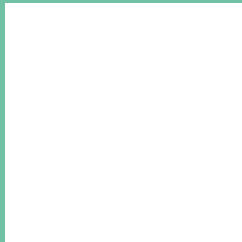
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3673, 0.2735, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 44.3673, 0.2735, 0.3713.



This preview shows how white text looks on a background with the Yxy color 44.3673, 0.2735, 0.3713.

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

44.3673, 0.2735, 0.3713

Protanopia

43.7653, 0.3376, 0.3558

Deuteranopia

43.8984, 0.3375, 0.3304



Tritanopia

44.4892, 0.2555, 0.3078

Trichromacy



Original Color

44.3673, 0.2735, 0.3713

Protanomaly

43.3300, 0.3112, 0.3616

Deuteranomaly

43.1743, 0.3103, 0.3442

Tritanomaly

44.4230, 0.2618, 0.3303

Monochromacy



Original Color

44.3673, 0.2735, 0.3713

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

40.0069, 0.2958, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3673, 0.2735, 0.3713 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(113, 193, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 193, 165) }
```

Border

The CSS property to change the border of an element to Yxy 44.3673, 0.2735, 0.3713 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, 165) }
```

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

```
.border{ border-color:rgb(113, 193, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 193, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 193, 165);  
box-shadow:4px 4px 4px 4px rgb(113, 193,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3673, 0.2735, 0.3713 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, 165) }
```

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

```
.background{ background-color: rgb(113,  
193, 165) }
```

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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