

Converting Colors

$Yxy(40.4438, 0.2695, 0.3906)$

Have a look what the booklet for
Yxy(40.4438, 0.2695, 0.3906)
contains.

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Color

Yxy(40.4438, 0.2695, 0.3906)

Conversions

Conversions Part 1

Format	Color
Hex	5CBC96
RGB	92, 188, 150
RGB Percent	36%, 74%, 59%
CMY	0.6391, 0.2627, 0.4117
CMYK	0.51, 0.00, 0.20, 0.26
HSL	156°, 42%, 55%
HSV	156°, 51%, 74%
XYZ	27.9048, 40.4438, 35.1942
YIQ	154.9640, -45.0180, -32.1700

Conversions

Conversions Part 2

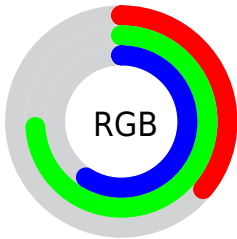
Format	Color
RYB	92, 152, 188
Decimal	6077590
CIELab	69.78, -37.45, 10.65
CIELCh	70, 38.930, 164.127
Yxy	40.4438, 0.2695, 0.3906
Android (android.graphics.Color)	4284267670 (0xFF5CBC96)
YUV	154.9640, -2.4473, -55.2194
Hunter-Lab	63.5954, -32.9688, 11.7053

Details

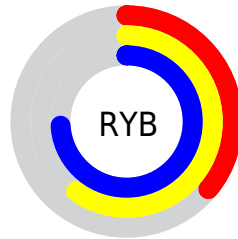
The Yxy color **40.4438, 0.2695, 0.3906** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **19.9634, 0.3970, 0.2771**, and the grayscale version is **32.7920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9603, 0.2780, 0.3787**, and **18.2271, 0.2556, 0.4118** is the 20% darker color. If you saturate the color by 10%, you get **39.3618, 0.2644, 0.4054**, and if you desaturate by 10%, it is **41.7845, 0.2761, 0.3765**.

Distribution



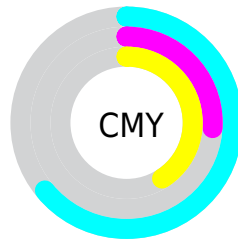
- Red (36%)
- Green (74%)
- Blue (59%)



- Red (36%)
- Yellow (60%)
- Blue (74%)



- Cyan (51%)
- Magenta (0%)
- Yellow (20%)
- Black (26%)





- Cyan (64%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4438, 0.2695, 0.3906 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 40.4438, 0.2695, 0.3906 by changing the saturation by 10% instead.

 40.4438, 0.2695,
0.3906


 40.4438, 0.2695,
0.3906


347.9906, 0.2922,
0.3579

 27.8847, 0.2635,
0.3995


 75.8388, 0.2780,
0.3782


 18.2388, 0.2556,
0.4113


 99.4436, 0.2811,
0.3737

 11.1216, 0.2447,
0.4278


 127.4991, 0.2837,
0.3700

 6.1487, 0.2287,
0.4524

 160.3896, 0.2859,
0.3668

 2.9357, 0.2033,
0.4927

198.4997, 0.2878,
0.3641

 1.0982, 0.0700,
0.6661

242.2136, 0.2894,

 0.0000, 0.0000,

0.3617

0.0000

291.9157, 0.2909,
0.3597

■ 40.4438, 0.2695,
0.3906

■ 40.4438, 0.2695,
0.3906

■ 39.3618, 0.2644,
0.4054

■ 41.7845, 0.2761,
0.3765

■ 38.5152, 0.2611,
0.4206

■ 43.3957, 0.2839,
0.3633

■ 37.8848, 0.2598,
0.4360

■ 45.2939, 0.2927,
0.3511

■ 37.4457, 0.2604,
0.4512

■ 47.4931, 0.3020,
0.3400

■ 37.1715, 0.2624,
0.4645

■ 50.0065, 0.3117,
0.3300

■ 52.8462, 0.3215,
0.3210

■ 56.0238, 0.3313,
0.3131

■ 59.5503, 0.3409,
0.3061

■ 62.2351, 0.3452,
0.2994

Harmonies

Analogous

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



40.4438, 0.3236, 0.4278



40.4438, 0.2695, 0.3906



40.4438, 0.2293, 0.3333

Triad

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



40.4438, 0.2695, 0.3906



40.4438, 0.2454, 0.2393



40.4438, 0.4260, 0.3602

Complementary

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



40.4438, 0.2695, 0.3906



19.9634, 0.3970, 0.2771

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.



40.4438, 0.4021, 0.3160



40.4438, 0.2695, 0.3906



40.4438, 0.2934, 0.2497

Square

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



40.4438, 0.2695, 0.3906



40.4438, 0.2169, 0.2492



40.4438, 0.3516, 0.2769



40.4438, 0.4159, 0.4018

Rectangle

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



40.4438, 0.2695, 0.3906



40.4438, 0.2146, 0.2968



40.4438, 0.3516, 0.2769



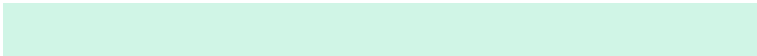
40.4438, 0.4218, 0.3454

Sweetspot

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



40.4454, 0.2695, 0.3906



84.3334, 0.2980, 0.3445



41.5184, 0.3343, 0.4755



17.9555, 0.2961, 0.3469



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.



40.4454, 0.2695, 0.3906



71.1741, 0.2640, 0.4068



37.9090, 0.2443, 0.3140



10.7438, 0.3036, 0.3382



25.3235, 0.2618, 0.4626



1.0045, 0.2519, 0.4268

Inverse Universe

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



19.9634, 0.3970, 0.2771



29.9988, 0.4261, 0.2685



20.8945, 0.4489, 0.3425



9.5973, 0.3228, 0.3200



7.6335, 0.5366, 0.2730



0.3120, 0.4730, 0.2379

Previews

White Background



This preview shows how the Yxy color 40.4438, 0.2695, 0.3906 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 40.4438, 0.2695, 0.3906 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 40.4438, 0.2695, 0.3906

Background



This preview shows how black text looks on a background with the Yxy color 40.4438, 0.2695, 0.3906.



This preview shows how white text looks on a background with the Yxy color 40.4438, 0.2695, 0.3906.

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

40.4438, 0.2695, 0.3906

Protanopia

39.8827, 0.3468, 0.3680

Deuteranopia

39.6373, 0.3471, 0.3398



Tritanopia

40.4447, 0.2477, 0.3081

Trichromacy



Original Color

40.4438, 0.2695, 0.3906



Protanomaly

39.2673, 0.3131, 0.3772



Deuteranomaly

38.7735, 0.3132, 0.3570



Tritanomaly

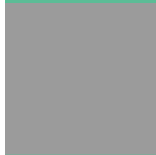
40.2450, 0.2553, 0.3365

Monochromacy



Original Color

40.4438, 0.2695, 0.3906



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

34.8429, 0.2930, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4438, 0.2695, 0.3906 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(92, 188, 150)` looks like.

```
.text, #text, p{  
    color:rgb(92, 188, 150)  
}
```

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(92, 188, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 188, 150) }
```

Border

The CSS property to change the border of an element to Yxy 40.4438, 0.2695, 0.3906 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(92, 188, 150) }
```

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

```
.border{ border-color:rgb(92, 188, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 188, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 188, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 188, 150);  
box-shadow:4px 4px 4px 4px rgb(92, 188,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4438, 0.2695, 0.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 188, 150) }
```

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

```
.background{ background-color: rgb(92, 188,  
150) }
```

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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