

Converting Colors

$Y_{xy}(13.5529, 0.4126, 0.2733)$

Have a look what the booklet for
Yxy(13.5529, 0.4126, 0.2733)
contains.

Yxy(13.5673, 0.4131, 0.2744)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.5673, 0.4131, 0.2744)

Conversions

Conversions Part 1

Format	Color
Hex	A5476B
RGB	165, 71, 107
RGB Percent	65%, 28%, 42%
CMY	0.3529, 0.7216, 0.5804
CMYK	0.00, 0.57, 0.35, 0.35
HSL	337°, 40%, 46%
HSV	337°, 57%, 65%
XYZ	20.4251, 13.5673, 15.4511
YIQ	103.2100, 44.4680, 31.1240

Conversions

Conversions Part 2

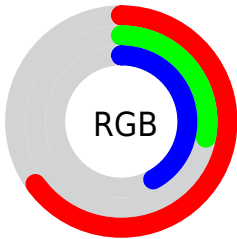
Format	Color
R_{YB}	165, 71, 107
Decimal	10831723
CIE _{Lab}	43.61, 42.57, -1.55
CIE _{LCh}	44, 42.594, 357.914
Yxy	13.5673, 0.4131, 0.2744
Android (android.graphics.Color)	4289021803 (0xFFA5476B)
YUV	103.2100, 1.8685, 54.1898
Hunter-Lab	36.8338, 34.5228, 0.9126

Details

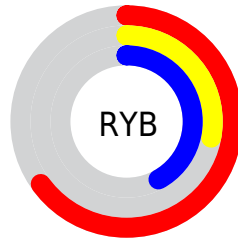
The Yxy color **13.5673, 0.4131, 0.2744** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **29.8378, 0.2657, 0.3961**, and the grayscale version is **13.6083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.3225, 0.3890, 0.2878**, and **4.0118, 0.4615, 0.2492** is the 20% darker color. If you saturate the color by 10%, you get **11.5447, 0.4416, 0.2682**, and if you desaturate by 10%, it is **16.1864, 0.3878, 0.2829**.

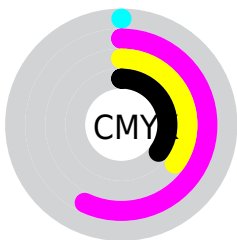
Distribution



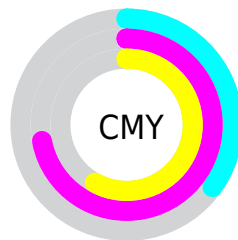
- Red (65%)
- Green (28%)
- Blue (42%)



- Red (65%)
- Yellow (28%)
- Blue (42%)



- Cyan (0%)
- Magenta (57%)
- Yellow (35%)
- Black (35%)





- Cyan (35%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5673, 0.4131, 0.2744 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 13.5673, 0.4131, 0.2744 by changing the saturation by 10% instead.


 13.5673, 0.4131,
0.2744


 13.5673, 0.4131,
0.2744


214.5221, 0.3532,
0.3068


 7.8203, 0.4326,
0.2640


 32.3193, 0.3883,
0.2877


 3.9802, 0.4613,
0.2489

 46.0931, 0.3800,
0.2922


 1.6625, 0.5071,
0.2250

 63.3113, 0.3733,
0.2958

 0.3992, 0.6235,
0.1595

 84.3583, 0.3678,
0.2988

 0.0000, 1.0000,
0.0000

 109.6185, 0.3633,
0.3013

 0.0000, 0.0000,
0.0000

139.4762, 0.3594,

0.3034

174.3160, 0.3561,
0.3052

■ 13.5673, 0.4131,
0.2744

■ 13.5673, 0.4131,
0.2744

■ 11.5447, 0.4416,
0.2682

■ 16.1864, 0.3878,
0.2829

■ 10.0684, 0.4725,
0.2655

■ 19.4427, 0.3661,
0.2926

■ 9.0830, 0.5039,
0.2674

■ 23.3758, 0.3478,
0.3028

■ 8.5051, 0.5337,
0.2741

■ 28.0216, 0.3326,
0.3129

■ 8.3611, 0.5427,
0.2763

■ 33.4131, 0.3201,
0.3226

■ 39.5816, 0.3098,
0.3317

■ 46.5563, 0.3013,
0.3401

■ 54.3651, 0.2944,
0.3479

■ 63.0344, 0.2886,
0.3550

Harmonies

Analogous

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



13.5673, 0.3213, 0.2279



13.5673, 0.4131, 0.2744



13.5673, 0.4771, 0.3331

Triad

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



13.5673, 0.4131, 0.2744



13.5673, 0.3687, 0.4943



13.5673, 0.1636, 0.2269

Complementary

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



13.5673, 0.4131, 0.2744



29.8378, 0.2657, 0.3961

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.



13.5673, 0.1716, 0.2903



13.5673, 0.4131, 0.2744



13.5673, 0.2847, 0.4717

Square

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



13.5673, 0.4131, 0.2744



13.5673, 0.4426, 0.4573



13.5673, 0.2129, 0.3858



13.5673, 0.1862, 0.1995

Rectangle

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



13.5673, 0.4131, 0.2744



13.5673, 0.4892, 0.3752



13.5673, 0.2129, 0.3858



13.5673, 0.1627, 0.2438

Sweetspot

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



13.5680, 0.4131, 0.2744



49.8757, 0.3331, 0.3126



11.8881, 0.2704, 0.1776



10.5426, 0.3358, 0.3107



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



13.5680, 0.4131, 0.2744



19.9899, 0.4485, 0.2672



14.4847, 0.4697, 0.3459



7.1288, 0.3228, 0.3204



6.3338, 0.5401, 0.2749



0.1421, 0.4474, 0.2238

Inverse Universe

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



13.5680, 0.4131, 0.2744



19.9899, 0.4485, 0.2672



27.1809, 0.2384, 0.3093



7.1288, 0.3228, 0.3204



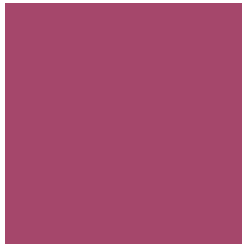
6.3338, 0.5401, 0.2749



0.1421, 0.4474, 0.2238

Previews

White Background



This preview shows how the Yxy color 13.5673, 0.4131, 0.2744 looks on a white 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 × Fail

Black Background



This preview shows how the Yxy color 13.5673, 0.4131, 0.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

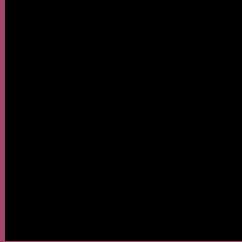
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.5673, 0.4131, 0.2744

Background



This preview shows how black text looks on a background with the Yxy color 13.5673, 0.4131, 0.2744.



This preview shows how white text looks on a background with the Yxy color 13.5673, 0.4131, 0.2744.

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

13.5673, 0.4131, 0.2744

Protanopia

13.8295, 0.2767, 0.2790

Deuteranopia

13.6511, 0.3307, 0.3249



Tritanopia

13.5495, 0.4553, 0.3217

Trichromacy



Original Color

13.5673, 0.4131, 0.2744

Protanomaly

12.9758, 0.3184, 0.2726

Deuteranomaly

13.1308, 0.3605, 0.3006

Tritanomaly

13.5283, 0.4417, 0.3048

Monochromacy



Original Color

13.5673, 0.4131, 0.2744

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

12.9173, 0.3487, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5673, 0.4131, 0.2744 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(165, 71, 107)` looks like.

```
.text, #text, p{  
    color:rgb(165, 71, 107)  
}
```

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(165, 71, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 71, 107) }
```

Border

The CSS property to change the border of an element to Yxy 13.5673, 0.4131, 0.2744 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(165, 71, 107) }
```

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

```
.border{ border-color:rgb(165, 71, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 71, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 71, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 71, 107);  
box-shadow:4px 4px 4px 4px rgb(165, 71,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 13.5673, 0.4131, 0.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 71, 107) }
```

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

```
.background{ background-color: rgb(165, 71,  
107) }
```

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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