

Converting Colors

$Y_{xy}(14.7998, 0.4151, 0.3091)$

Have a look what the booklet for
Yxy(14.7998, 0.4151, 0.3091)
contains.

Yxy(14.8336, 0.4159, 0.3099)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.8336, 0.4159, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	A05561
RGB	160, 85, 97
RGB Percent	63%, 33%, 38%
CMY	0.3724, 0.6667, 0.6196
CMYK	0.00, 0.47, 0.39, 0.37
HSL	350°, 31%, 48%
HSV	350°, 47%, 63%
XYZ	19.9074, 14.8336, 13.1248
YIQ	108.7930, 40.8480, 19.6320

Conversions

Conversions Part 2

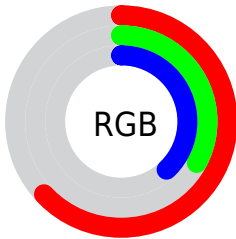
Format	Color
R _Y B	160, 85, 97
Decimal	10507617
CIE Lab	45.41, 32.26, 7.08
CIE LCh	45, 33.023, 12.371
Yxy	14.8336, 0.4159, 0.3099
Android (android.graphics.Color)	4288697697 (0xFFA05561)
YUV	108.7930, -5.8139, 44.9085
Hunter-Lab	38.5144, 24.8630, 6.7555

Details

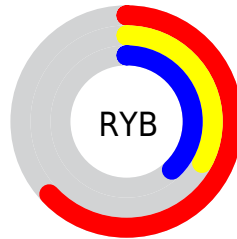
The Yxy color **14.8336, 0.4159, 0.3099** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.2194, 0.2598, 0.3503**, and the grayscale version is **15.2392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4666, 0.3910, 0.3157**, and **4.5040, 0.4645, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **12.3639, 0.4519, 0.3068**, and if you desaturate by 10%, it is **17.9171, 0.3853, 0.3138**.

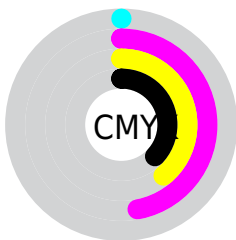
Distribution



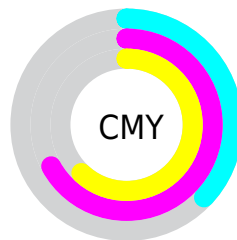
- Red (63%)
- Green (33%)
- Blue (38%)



- Red (63%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (39%)
- Black (37%)




- Cyan (37%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8336, 0.4159, 0.3099 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 14.8336, 0.4159, 0.3099 by changing the saturation by 10% instead.


 14.8336, 0.4159,
0.3099


 14.8336, 0.4159,
0.3099


222.3568, 0.3542,
0.3225


 8.7027, 0.4360,
0.3051


 34.5610, 0.3904,
0.3155


 4.5478, 0.4656,
0.2976

 48.9263, 0.3818,
0.3172


 1.9845, 0.5127,
0.2841

 66.8051, 0.3749,
0.3186

 0.5984, 0.6603,
0.2691

 88.5819, 0.3693,
0.3197

 0.0000, 1.0000,
0.0000

 114.6411, 0.3646,
0.3206

 0.0000, 0.0000,
0.0000

145.3671, 0.3606,

0.3213

181.1442, 0.3572,
0.3219

■ 14.8336, 0.4159,
0.3099

■ 14.8336, 0.4159,
0.3099

■ 12.3639, 0.4519,
0.3068

■ 17.9171, 0.3853,
0.3138

■ 10.4646, 0.4923,
0.3051

■ 21.6493, 0.3599,
0.3181

■ 9.0904, 0.5346,
0.3057


■ 26.0652, 0.3392,
0.3223


■ 8.1879, 0.5743,
0.3091


■ 31.1969, 0.3224,
0.3264


■ 7.6770, 0.6065,
0.3148

■ 37.0740, 0.3088,
0.3301

 7.5492, 0.6151,
0.3162

 43.7248, 0.2978,
0.3336

 51.1760, 0.2888,
0.3368

 59.4530, 0.2814,
0.3396

 68.5801, 0.2753,
0.3422

Harmonies

Analogous

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



14.8336, 0.3542, 0.2660



14.8336, 0.4159, 0.3099



14.8336, 0.4463, 0.3604

Triad

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



14.8336, 0.4159, 0.3099



14.8336, 0.3280, 0.4491



14.8336, 0.2005, 0.2367

Complementary

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



14.8336, 0.4159, 0.3099



29.2194, 0.2598, 0.3503

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.



14.8336, 0.1953, 0.2746



14.8336, 0.4159, 0.3099



14.8336, 0.2644, 0.4067

Square

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



14.8336, 0.4159, 0.3099



14.8336, 0.3908, 0.4460



14.8336, 0.2170, 0.3372



14.8336, 0.2313, 0.2249

Rectangle

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



14.8336, 0.4159, 0.3099



14.8336, 0.4434, 0.3940



14.8336, 0.2170, 0.3372



14.8336, 0.1958, 0.2464

Sweetspot

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



14.8343, 0.4159, 0.3099



49.6246, 0.3344, 0.3234



15.2850, 0.3013, 0.2121



10.4881, 0.3381, 0.3226



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



14.8343, 0.4159, 0.3099



22.3673, 0.4526, 0.3067



19.2837, 0.4163, 0.3696



6.6626, 0.3260, 0.3254



5.8832, 0.6132, 0.3152



0.1095, 0.5318, 0.2703

Inverse Universe

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



14.8343, 0.4159, 0.3099



22.3673, 0.4526, 0.3067



21.8011, 0.2435, 0.2830



6.6626, 0.3260, 0.3254



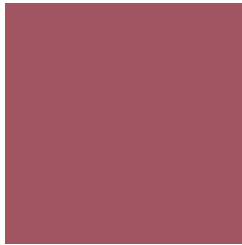
5.8832, 0.6132, 0.3152



0.1095, 0.5318, 0.2703

Previews

White Background



This preview shows how the Yxy color 14.8336, 0.4159, 0.3099 looks on a white background.

Color Contrast Check

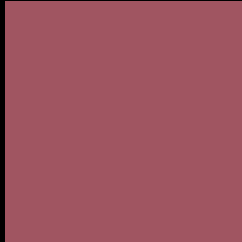
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8336, 0.4159, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

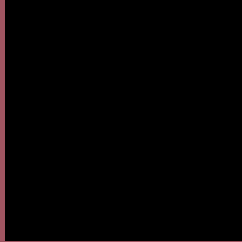
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8336, 0.4159, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 14.8336, 0.4159, 0.3099.



This preview shows how white text looks on a background with the Yxy color 14.8336, 0.4159, 0.3099.

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

14.8336, 0.4159, 0.3099

Protanopia

14.8707, 0.3129, 0.3248

Deuteranopia

14.9939, 0.3558, 0.3491



Tritanopia

14.9019, 0.4238, 0.3197

Trichromacy



Original Color

14.8336, 0.4159, 0.3099

Protanomaly

14.5328, 0.3476, 0.3175

Deuteranomaly

14.6940, 0.3774, 0.3329

Tritanomaly

14.9373, 0.4204, 0.3164

Monochromacy



Original Color

14.8336, 0.4159, 0.3099

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.7235, 0.3473, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8336, 0.4159, 0.3099 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(160, 85, 97)` looks like.

```
.text, #text, p{  
  color:rgb(160, 85, 97)  
}
```

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(160, 85, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 85, 97) }
```

Border

The CSS property to change the border of an element to Yxy 14.8336, 0.4159, 0.3099 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(160, 85, 97) }
```

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

```
.border{ border-color:rgb(160, 85, 97) }
```

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

Here you see how a box with a 4 pixel rgb(160, 85, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 85, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 85, 97);  
box-shadow:4px 4px 4px 4px rgb(160, 85,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8336, 0.4159, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 85, 97) }
```

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

```
.background{ background-color: rgb(160, 85,  
97) }
```

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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