

Converting Colors

$Y_{xy}(17.5026, 0.4100, 0.3357)$

Have a look what the booklet for
Yxy(17.5026, 0.4100, 0.3357)
contains.

Yxy(17.5359, 0.4091, 0.3358)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.5359, 0.4091, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	A16460
RGB	161, 100, 96
RGB Percent	63%, 39%, 38%
CMY	0.3687, 0.6078, 0.6236
CMYK	0.00, 0.38, 0.40, 0.37
HSL	4°, 26%, 50%
HSV	4°, 40%, 63%
XYZ	21.3637, 17.5359, 13.3216
YIQ	117.7830, 37.6400, 11.6880

Conversions

Conversions Part 2

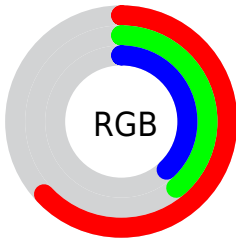
Format	Color
R _Y B	161, 100, 96
Decimal	10576992
CIE Lab	48.93, 24.14, 12.66
CIE LCh	49, 27.260, 27.667
Yxy	17.5359, 0.4091, 0.3358
Android (android.graphics.Color)	4288767072 (0xFFA16460)
YUV	117.7830, -10.7390, 37.9013
Hunter-Lab	41.8759, 17.7821, 10.4517

Details

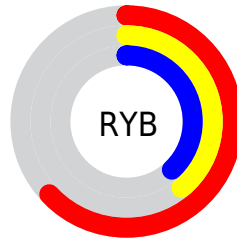
The Yxy color **17.5359, 0.4091, 0.3358** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.1586, 0.2573, 0.3219**, and the grayscale version is **18.0710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.4372, 0.3868, 0.3365**, and **5.8121, 0.4520, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **14.6363, 0.4467, 0.3373**, and if you desaturate by 10%, it is **21.0349, 0.3775, 0.3341**.

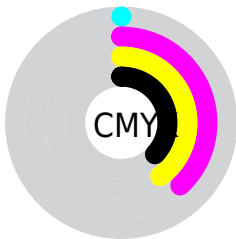
Distribution



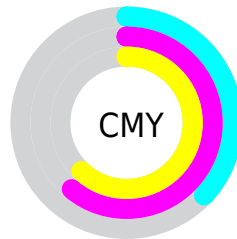
- Red (63%)
- Green (39%)
- Blue (38%)



- Red (63%)
- Yellow (39%)
- Blue (38%)



- Cyan (0%)
- Magenta (38%)
- Yellow (40%)
- Black (37%)





- Cyan (37%)
- Magenta (61%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5359, 0.4091, 0.3358 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 17.5359, 0.4091, 0.3358 by changing the saturation by 10% instead.


 17.5359, 0.4091,
0.3358


 17.5359, 0.4091,
0.3358


238.2420, 0.3526,
0.3335


 10.6173, 0.4268,
0.3356


 39.2449, 0.3861,
0.3354


 5.8101, 0.4523,
0.3345

 54.8041, 0.3783,
0.3351

 2.7300, 0.4915,
0.3310

 74.0123, 0.3719,
0.3348

 0.9924, 0.5941,
0.3403

 97.2539, 0.3667,
0.3345

 0.0000, 1.0000,
0.0000

124.9132, 0.3623,
0.3342

 0.0000, 0.0000,
0.0000

157.3748, 0.3586,

0.3340

195.0229, 0.3554,
0.3337

■ 17.5359, 0.4091,
0.3358

■ 17.5359, 0.4091,
0.3358

■ 14.6363, 0.4467,
0.3373

■ 21.0349, 0.3775,
0.3341

■ 12.3001, 0.4895,
0.3384

■ 25.1616, 0.3515,
0.3323

■ 10.4913, 0.5350,
0.3386


■ 29.9456, 0.3304,
0.3306


■ 9.1690, 0.5782,
0.3378


■ 35.4138, 0.3133,
0.3291


■ 8.2859, 0.6127,
0.3357

■ 41.5916, 0.2994,
0.3276

 7.7921, 0.6348,
0.3341

 48.5033, 0.2881,
0.3263

 56.1717, 0.2788,
0.3252

 64.6189, 0.2712,
0.3241

 73.8660, 0.2648,
0.3232

Harmonies

Analogous

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



17.5359, 0.3718, 0.2961



17.5359, 0.4091, 0.3358



17.5359, 0.4173, 0.3770

Triad

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



17.5359, 0.4091, 0.3358



17.5359, 0.2997, 0.4080



17.5359, 0.2329, 0.2480

Complementary

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



17.5359, 0.4091, 0.3358



29.1586, 0.2573, 0.3219

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.



17.5359, 0.2177, 0.2689



17.5359, 0.4091, 0.3358



17.5359, 0.2537, 0.3629

Square

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



17.5359, 0.4091, 0.3358



17.5359, 0.3516, 0.4251



17.5359, 0.2247, 0.3099



17.5359, 0.2686, 0.2474

Rectangle

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



17.5359, 0.4091, 0.3358



17.5359, 0.4056, 0.4011



17.5359, 0.2247, 0.3099



17.5359, 0.2255, 0.2527

Sweetspot

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



17.5368, 0.4091, 0.3358



51.9647, 0.3340, 0.3309



18.3984, 0.3213, 0.2362



11.1642, 0.3364, 0.3311



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.



17.5368, 0.4091, 0.3358



26.9184, 0.4408, 0.3371



24.8508, 0.3884, 0.3858



7.1531, 0.3283, 0.3304



6.2471, 0.6341, 0.3347



0.1512, 0.6081, 0.3554

Inverse Universe

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



29.1586, 0.2573, 0.3219



50.4987, 0.2481, 0.3202



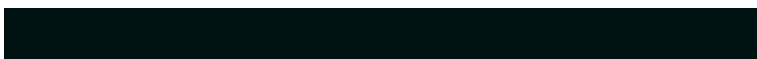
19.7858, 0.2484, 0.2640



7.9357, 0.2988, 0.3276



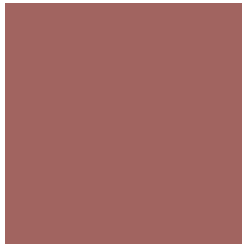
19.7608, 0.2194, 0.3099



0.4362, 0.2215, 0.3173

Previews

White Background



This preview shows how the Yxy color 17.5359, 0.4091, 0.3358 looks on a white background.

Color Contrast Check

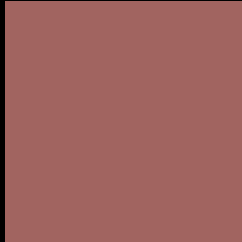
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5359, 0.4091, 0.3358 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 × Fail

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

Yxy 17.5359, 0.4091, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 17.5359, 0.4091, 0.3358.

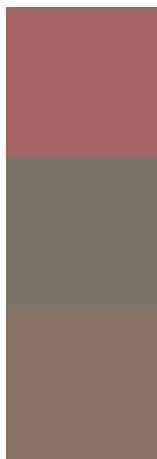


This preview shows how white text looks on a background with the Yxy color 17.5359, 0.4091, 0.3358.

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

17.5359, 0.4091, 0.3358

Protanopia

17.6278, 0.3353, 0.3525

Deuteranopia

17.6307, 0.3694, 0.3624



Tritanopia

17.6457, 0.3958, 0.3180

Trichromacy



Original Color

17.5359, 0.4091, 0.3358

Protanomaly

17.3257, 0.3608, 0.3458

Deuteranomaly

17.5711, 0.3830, 0.3522

Tritanomaly

17.5644, 0.4019, 0.3244

Monochromacy



Original Color

17.5359, 0.4091, 0.3358

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5630, 0.3454, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5359, 0.4091, 0.3358 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(161, 100, 96)` looks like.

```
.text, #text, p{  
    color:rgb(161, 100, 96)  
}
```

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(161, 100, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 100, 96) }
```

Border

The CSS property to change the border of an element to Yxy 17.5359, 0.4091, 0.3358 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(161, 100, 96) }
```

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

```
.border{ border-color:rgb(161, 100, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 100, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 100, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 100, 96);  
box-shadow:4px 4px 4px 4px rgb(161, 100,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5359, 0.4091, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 100, 96) }
```

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

```
.background{ background-color: rgb(161,  
100, 96) }
```

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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