

Converting Colors

$Y_{xy}(15.1721, 0.4418, 0.3536)$

Have a look what the booklet for
Yxy(15.1721, 0.4418, 0.3536)
contains.

Yxy(15.1721, 0.4418, 0.3537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(15.1721, 0.4418, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	9D5B4C
RGB	157, 91, 76
RGB Percent	62%, 36%, 30%
CMY	0.3843, 0.6431, 0.7019
CMYK	0.00, 0.42, 0.52, 0.38
HSL	11°, 35%, 46%
HSV	11°, 52%, 62%
XYZ	18.9512, 15.1721, 8.7721
YIQ	109.0240, 44.1510, 9.3270

Conversions

Conversions Part 2

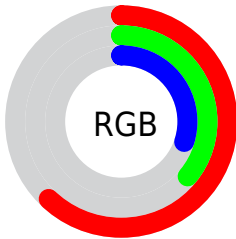
Format	Color
R_{YB}	157, 94, 76
Decimal	10312524
CIE Lab	45.87, 25.43, 20.29
CIE LCh	46, 32.530, 38.591
Yxy	15.1721, 0.4418, 0.3537
Android (android.graphics.Color)	4288502604 (0xFF9D5B4C)
YUV	109.0240, -16.2808, 42.0750
Hunter-Lab	38.9514, 18.6815, 13.9135

Details

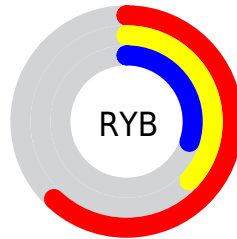
The Yxy color **15.1721, 0.4418, 0.3537** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3262, 0.2419, 0.3010**, and the grayscale version is **15.3387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1228, 0.4101, 0.3504**, and **4.7304, 0.4993, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **12.9759, 0.4806, 0.3570**, and if you desaturate by 10%, it is **17.7963, 0.4073, 0.3493**.

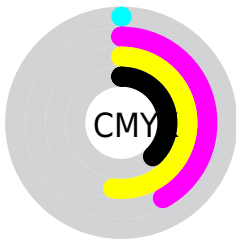
Distribution



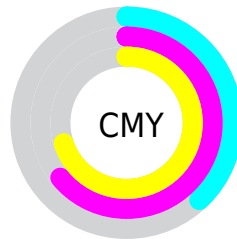
- Red (62%)
- Green (36%)
- Blue (30%)



- Red (62%)
- Yellow (37%)
- Blue (30%)



- Cyan (0%)
- Magenta (42%)
- Yellow (52%)
- Black (38%)





- Cyan (38%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1721, 0.4418, 0.3537 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 15.1721, 0.4418, 0.3537 by changing the saturation by 10% instead.


 15.1721, 0.4418,
0.3537


 15.1721, 0.4418,
0.3537


224.4055, 0.3649,
0.3424

 8.9403, 0.4662,
0.3551


 35.1548, 0.4102,
0.3503


 4.7022, 0.5012,
0.3551

 49.6745, 0.3995,
0.3488


 2.0736, 0.5609,
0.3546

 67.7255, 0.3909,
0.3474

 0.6497, 0.6674,
0.3326

 89.6924, 0.3838,
0.3461

 0.0000, 1.0000,
0.0000

 115.9594, 0.3779,
0.3450

 0.0000, 0.0000,
0.0000

146.9110, 0.3729,

0.3441

182.9316, 0.3686,
0.3432

■ 15.1721, 0.4418,
0.3537

■ 15.1721, 0.4418,
0.3537

■ 12.9759, 0.4806,
0.3570

■ 17.7963, 0.4073,
0.3493

■ 11.1824, 0.5217,
0.3583

■ 20.8673, 0.3777,
0.3443

■ 9.7675, 0.5617,
0.3567

■ 24.4055, 0.3529,
0.3392

■ 8.7030, 0.5958,
0.3520

■ 28.4296, 0.3322,
0.3343

■ 8.0486, 0.6186,
0.3471

■ 32.9569, 0.3151,
0.3297

■ 38.0042, 0.3010,
0.3254

■ 43.5873, 0.2892,
0.3216

■ 49.7214, 0.2794,
0.3180

■ 56.4211, 0.2711,
0.3148

Harmonies

Analogous

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



15.1721, 0.4073, 0.3045



15.1721, 0.4418, 0.3537



15.1721, 0.4362, 0.4027

Triad

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



15.1721, 0.4418, 0.3537



15.1721, 0.2729, 0.4122



15.1721, 0.2278, 0.2271

Complementary

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



15.1721, 0.4418, 0.3537



23.3262, 0.2419, 0.3010

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.



15.1721, 0.2006, 0.2419



15.1721, 0.4418, 0.3537



15.1721, 0.2236, 0.3459

Square

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



15.1721, 0.4418, 0.3537



15.1721, 0.3360, 0.4483



15.1721, 0.1988, 0.2825



15.1721, 0.2785, 0.2352

Rectangle

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



15.1721, 0.4418, 0.3537



15.1721, 0.4125, 0.4301



15.1721, 0.1988, 0.2825



15.1721, 0.2160, 0.2293

Sweetspot

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



15.1729, 0.4418, 0.3537



48.1337, 0.3395, 0.3361



14.2986, 0.3396, 0.2271



10.2813, 0.3435, 0.3370



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



15.1729, 0.4418, 0.3537



22.6703, 0.4872, 0.3574



24.0198, 0.4055, 0.4167



6.8348, 0.3280, 0.3332



6.5787, 0.6174, 0.3480



0.1655, 0.5568, 0.3961

Inverse Universe

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



23.3262, 0.2419, 0.3010



38.8489, 0.2301, 0.2936



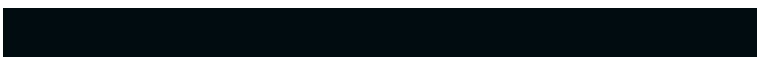
13.4099, 0.2262, 0.2200



7.3008, 0.2988, 0.3248



14.5587, 0.2083, 0.2700



0.3099, 0.2156, 0.2960

Previews

White Background



This preview shows how the Yxy color 15.1721, 0.4418, 0.3537 looks on a white background.

Color Contrast Check

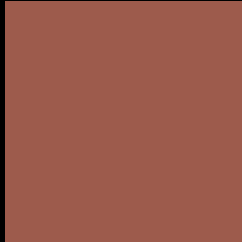
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1721, 0.4418, 0.3537 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 15.1721, 0.4418, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 15.1721, 0.4418, 0.3537.



This preview shows how white text looks on a background with the Yxy color 15.1721, 0.4418, 0.3537.

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

15.1721, 0.4418, 0.3537

Protanopia

15.3593, 0.3569, 0.3806

Deuteranopia

15.2203, 0.3949, 0.3867



Tritanopia

15.0748, 0.4144, 0.3178

Trichromacy



Original Color

15.1721, 0.4418, 0.3537

Protanomaly

15.0024, 0.3879, 0.3695

Deuteranomaly

15.0071, 0.4113, 0.3730

Tritanomaly

15.1184, 0.4255, 0.3310

Monochromacy



Original Color

15.1721, 0.4418, 0.3537

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.8014, 0.3553, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1721, 0.4418, 0.3537 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(157, 91, 76)` looks like.

```
.text, #text, p{  
    color:rgb(157, 91, 76)  
}
```

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(157, 91, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 91, 76) }
```

Border

The CSS property to change the border of an element to Yxy 15.1721, 0.4418, 0.3537 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(157, 91, 76) }
```

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

```
.border{ border-color:rgb(157, 91, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 91, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 91, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 91, 76);  
box-shadow:4px 4px 4px 4px rgb(157, 91,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1721, 0.4418, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 91, 76) }
```

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

```
.background{ background-color: rgb(157, 91,  
76) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor