

Converting Colors

XYZ(15.0348, 13.5496, 4.1606)

Have a look what the booklet for
XYZ(15.0348, 13.5496, 4.1606)
contains.

XYZ(15.0164, 13.4995, 4.1971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.0164, 13.4995,
4.1971)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5D2C
RGB	139, 93, 44
RGB Percent	55%, 36%, 17%
CMY	0.4549, 0.6353, 0.8274
CMYK	0.00, 0.33, 0.68, 0.45
HSL	31°, 52%, 36%
HSV	31°, 68%, 55%
XYZ	15.0164, 13.4995, 4.1971
YIQ	101.1680, 43.1450, -5.4870

Conversions

Conversions Part 2

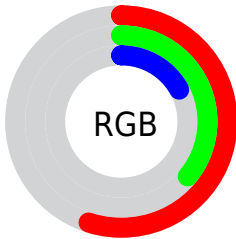
Format	Color
RYB	133, 139, 44
Decimal	9133356
CIELab	43.51, 13.81, 35.04
CIELCh	44, 37.659, 68.493
Yxy	13.4995, 0.4590, 0.4127
Android (android.graphics.Color)	4287323436 (0xFF8B5D2C)
YUV	101.1680, -28.1838, 33.1787
Hunter-Lab	36.7417, 8.6554, 18.9463

Details

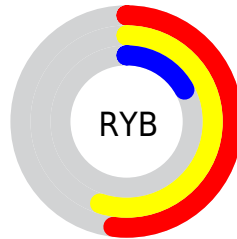
The XYZ color **15.0164, 13.4995, 4.1971** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.3548, 9.7114, 25.8073**, and the grayscale version is **12.4762, 13.1259, 14.2941**.

A 20% lighter version of the original color is **34.5192, 32.1534, 14.5121**, and **4.7628, 3.9643, 0.5142** is the 20% darker color. If you saturate the color by 10%, you get **14.2327, 12.2826, 2.8557**, and if you desaturate by 10%, it is **15.9403, 14.8568, 6.0174**.

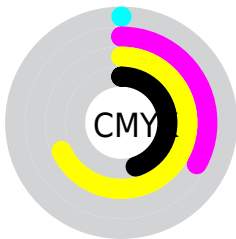
Distribution



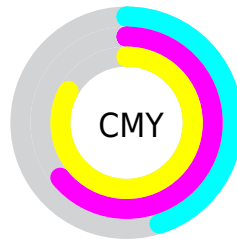
- Red (55%)
- Green (36%)
- Blue (17%)



- Red (52%)
- Yellow (55%)
- Blue (17%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (45%)





- Cyan (45%)
- Magenta (64%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0164, 13.4995, 4.1971 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 XYZ color 15.0164, 13.4995, 4.1971 by changing the saturation by 10% instead.


 15.0164, 13.4995,
4.1971


 15.0164, 13.4995,
4.1971


216.8519,
214.0946, 150.3916


 8.9173, 7.7734,
1.7341


 34.4534, 32.1983,
14.4618


 4.7439, 3.9503,
0.3839

 48.5219, 45.9398,
23.1006


 2.1310, 1.6458,
0.0000

 65.9777, 63.1218,
34.6351

 0.7060, 0.3882,
0.0000

 87.1860, 84.1288,
49.4838

 0.0000, 0.0000,
0.0000

 112.5122,
109.3452, 68.0653

 142.3217,

139.1554, 90.7980

176.9798,
173.9437, 118.1006

■ 15.0164, 13.4995,
4.1971

■ 15.0164, 13.4995,
4.1971

■ 14.2327, 12.2826,
2.8557

■ 15.9403, 14.8568,
6.0174

■ 13.5778, 11.1977,
1.9439

■ 17.0126, 16.3582,
8.3578

■ 13.0303, 10.2346,
1.3548

■ 18.2419, 18.0096,
11.2559

■ 12.9454, 10.0849,
1.2643

■ 19.6357, 19.8160,
14.7456

■ 21.2010, 21.7820,
18.8581

■ 22.9445, 23.9121,
23.6222

■ 24.8723, 26.2104,
29.0652

■ 26.9901, 28.6811,
35.2124

■ 29.3037, 31.3280,
42.0883

Harmonies

Analogous

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



17.7821, 13.4995, 6.7508



15.0164, 13.4995, 4.1971



12.0142, 13.4995, 3.7987

Triad

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



15.0164, 13.4995, 4.1971



8.0137, 13.4995, 17.2209



16.6797, 13.4995, 31.3551

Complementary

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



15.0164, 13.4995, 4.1971



9.3548, 9.7114, 25.8073

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.



13.6837, 13.4995, 37.2216



15.0164, 13.4995, 4.1971



8.8963, 13.4995, 27.2497

Square

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



15.0164, 13.4995, 4.1971



8.2584, 13.4995, 9.5273



10.8684, 13.4995, 35.4852



18.8399, 13.4995, 21.4671

Rectangle

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



15.0164, 13.4995, 4.1971



10.3192, 13.4995, 4.5690



10.8684, 13.4995, 35.4852



15.7202, 13.4995, 34.0065

Sweetspot

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



15.0167, 13.5002, 4.1974



37.0616, 37.8811, 31.3568



13.4581, 8.0544, 10.8564



8.3825, 8.5315, 6.8108



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.0167, 13.5002, 4.1974



24.8233, 20.9107, 4.1367



20.3345, 24.1358, 5.9700



5.2322, 5.4473, 5.3281



11.7011, 9.1367, 1.1468



0.0924, 0.0900, 0.0125

Inverse Universe

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



9.3548, 9.7114, 25.8073



13.9575, 13.6503, 45.6421



6.5997, 4.2011, 24.8889



4.9614, 5.2658, 6.3607



6.0508, 5.3720, 22.7637



0.0547, 0.0648, 0.1561

Previews

White Background



This preview shows how the XYZ color 15.0164, 13.4995, 4.1971 looks on a white background.

Color Contrast Check

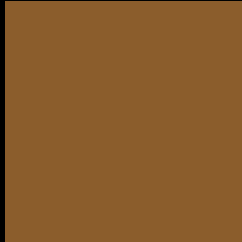
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 15.0164, 13.4995, 4.1971 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](#).

XYZ 15.0164, 13.4995, 4.1971

Background



This preview shows how black text looks on a background with the XYZ color 15.0164, 13.4995, 4.1971.



This preview shows how white text looks on a background with the XYZ color 15.0164, 13.4995,

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

15.0164, 13.4995, 4.1971

Protanopia

12.4336, 13.5506, 4.6495

Deuteranopia

13.7058, 13.4990, 4.1687



Tritanopia

16.6654, 13.5384, 12.3245

Trichromacy



Original Color

15.0164, 13.4995, 4.1971

Protanomaly

13.2672, 13.4060, 4.4731

Deuteranomaly

14.1346, 13.4457, 4.1358

Tritanomaly

15.9452, 13.4969, 8.6022

Monochromacy



Original Color

15.0164, 13.4995, 4.1971

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8859, 12.9594, 9.4117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0164, 13.4995, 4.1971 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(139, 93, 44)` looks like.

```
.text, #text, p{  
    color:rgb(139, 93, 44)  
}
```

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(139, 93, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 93, 44) }
```

Border

The CSS property to change the border of an element to XYZ 15.0164, 13.4995, 4.1971 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(139, 93, 44) }
```


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

```
.border{ border-color:rgb(139, 93, 44) }
```

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

Here you see how a box with a 4 pixel rgb(139, 93, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 93, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 93, 44);  
box-shadow:4px 4px 4px 4px rgb(139, 93,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0164, 13.4995, 4.1971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 93, 44) }
```

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

```
.background{ background-color: rgb(139, 93,  
44) }
```

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