

Converting Colors

XYZ(15.2220, 13.3002, 4.3849)

Have a look what the booklet for
XYZ(15.2220, 13.3002, 4.3849)
contains.

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Color

**XYZ(15.2187, 13.3421,
4.3579)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5B2E
RGB	141, 91, 46
RGB Percent	55%, 36%, 18%
CMY	0.4471, 0.6431, 0.8196
CMYK	0.00, 0.35, 0.67, 0.45
HSL	28°, 51%, 37%
HSV	28°, 67%, 55%
XYZ	15.2187, 13.3421, 4.3579
YIQ	100.8200, 44.2450, -3.3950

Conversions

Conversions Part 2

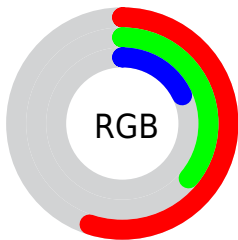
Format	Color
R_{YB}	141, 132, 46
Decimal	9263918
CIE Lab	43.27, 16.02, 33.78
CIE LCh	43, 37.388, 64.636
Yxy	13.3421, 0.4623, 0.4053
Android (android.graphics.Color)	4287453998 (0xFF8D5B2E)
YUV	100.8200, -27.0263, 35.2379
Hunter-Lab	36.5268, 10.4490, 18.4951

Details

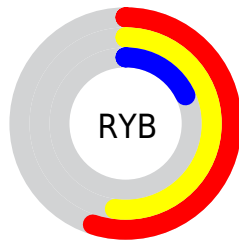
The XYZ color **15.2187, 13.3421, 4.3579** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.1170, 10.8691, 26.7639**, and the grayscale version is **12.3830, 13.0278, 14.1873**.

A 20% lighter version of the original color is **34.8340, 31.8637, 14.9040**, and **4.8689, 3.9030, 0.4967** is the 20% darker color. If you saturate the color by 10%, you get **14.3819, 12.0426, 2.9259**, and if you desaturate by 10%, it is **16.2102, 14.8050, 6.2922**.

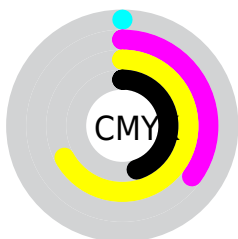
Distribution



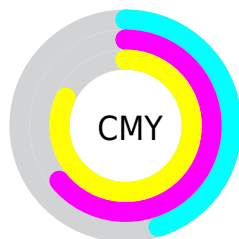
- Red (55%)
- Green (36%)
- Blue (18%)



- Red (55%)
- Yellow (52%)
- Blue (18%)



- Cyan (0%)
- Magenta (35%)
- Yellow (67%)
- Black (45%)





- Cyan (45%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2187, 13.3421, 4.3579 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 15.2187, 13.3421, 4.3579 by changing the saturation by 10% instead.


 15.2187, 13.3421,
4.3579


 15.2187, 13.3421,
4.3579


218.0484,
213.0987, 152.1240


 9.0603, 7.6645,
1.8237


 34.8049, 31.9170,
14.8271


 4.8380, 3.8811,
0.4435

 48.9635, 45.5832,
23.5992


 2.1863, 1.6072,
0.0000

 66.5194, 62.6810,
35.2876

 0.7355, 0.3625,
0.0000

 87.8382, 83.5948,
50.3109

 0.0000, 0.0000,
0.0000

 113.2851,
108.7091, 69.0877

 143.2256,

138.4083, 92.0364

178.0249,
173.0767, 119.5757

■ 15.2187, 13.3421,
4.3579

■ 15.2187, 13.3421,
4.3579

■ 14.3819, 12.0426,
2.9259

■ 16.2102, 14.8050,
6.2922

■ 13.6877, 10.8971,
1.9457

■ 17.3653, 16.4359,
8.7713

■ 13.1170, 9.8954,
1.3249

■ 18.6932, 18.2418,
11.8338

■ 12.9794, 9.6526,
1.1790

■ 20.2019, 20.2285,
15.5146

■ 21.8991, 22.4014,
19.8458

■ 23.7918, 24.7659,
24.8575

■ 25.8868, 27.3269,
30.5775

■ 28.1903, 30.0893,
37.0323

■ 30.7084, 33.0576,
44.2470

Harmonies

Analogous

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



17.8356, 13.3421, 7.2188



15.2187, 13.3421, 4.3579



12.2366, 13.3421, 3.7258

Triad

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



15.2187, 13.3421, 4.3579



7.9022, 13.3421, 15.8545



16.1160, 13.3421, 31.9909

Complementary

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



15.2187, 13.3421, 4.3579



10.1170, 10.8691, 26.7639

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.



13.1366, 13.3421, 36.9188



15.2187, 13.3421, 4.3579



8.6300, 13.3421, 25.6044

Square

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



15.2187, 13.3421, 4.3579



8.2865, 13.3421, 8.7118



10.4428, 13.3421, 34.2223



18.4064, 13.3421, 22.4835

Rectangle

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



15.2187, 13.3421, 4.3579



10.4992, 13.3421, 4.3197



10.4428, 13.3421, 34.2223



15.1465, 13.3421, 34.3740

Sweetspot

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



15.2190, 13.3428, 4.3582



38.2533, 38.8933, 33.0454



14.1036, 8.4736, 12.1202



8.3756, 8.4717, 6.9498



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.



15.2190, 13.3428, 4.3582



25.0588, 20.4330, 4.2043



20.5421, 23.9890, 6.1325



5.6064, 5.8190, 5.7171



11.8505, 8.8328, 1.0803



0.1351, 0.1280, 0.0176

Inverse Universe

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



10.1170, 10.8691, 26.7639



15.2209, 15.6430, 47.3450



7.0398, 4.7146, 25.7381



5.3497, 5.6952, 6.8461



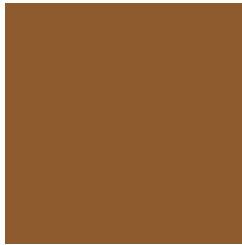
6.6450, 6.2761, 23.8383



0.0856, 0.1042, 0.2353

Previews

White Background



This preview shows how the XYZ color 15.2187, 13.3421, 4.3579 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 15.2187, 13.3421, 4.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

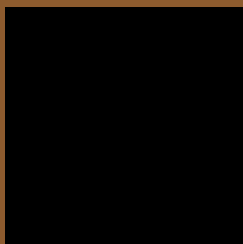
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2187, 13.3421, 4.3579

Background



This preview shows how black text looks on a background with the XYZ color 15.2187, 13.3421, 4.3579.



This preview shows how white text looks on a background with the XYZ color 15.2187, 13.3421,

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

15.2187, 13.3421, 4.3579

Protanopia

12.3654, 13.5082, 4.9732

Deuteranopia

13.5747, 13.4292, 4.2595



Tritanopia

16.7612, 13.3576, 11.8201

Trichromacy



Original Color

15.2187, 13.3421, 4.3579

Protanomaly

13.3284, 13.4305, 4.7956

Deuteranomaly

14.0816, 13.2794, 4.3036

Tritanomaly

16.0874, 13.3271, 8.3811

Monochromacy



Original Color

15.2187, 13.3421, 4.3579

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.9624, 12.8565, 9.5829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2187, 13.3421, 4.3579 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(141, 91, 46)` looks like.

```
.text, #text, p{  
    color:rgb(141, 91, 46)  
}
```

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(141, 91, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 91, 46) }
```

Border

The CSS property to change the border of an element to XYZ 15.2187, 13.3421, 4.3579 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(141, 91, 46) }
```


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

```
.border{ border-color:rgb(141, 91, 46) }
```

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

Here you see how a box with a 4 pixel rgb(141, 91, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 91, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 91, 46);  
box-shadow:4px 4px 4px 4px rgb(141, 91,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2187, 13.3421, 4.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 91, 46) }
```

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

```
.background{ background-color: rgb(141, 91,  
46) }
```

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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