

Converting Colors

XYZ(14.6089, 12.8889, 5.5160)

Have a look what the booklet for
XYZ(14.6089, 12.8889, 5.5160)
contains.

XYZ(14.5233, 12.8321, 5.4528)	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(14.5233, 12.8321,
5.4528)**

Conversions

Conversions Part 1

Format	Color
Hex	885A38
RGB	136, 90, 56
RGB Percent	53%, 35%, 22%
CMY	0.4667, 0.6470, 0.7804
CMYK	0.00, 0.34, 0.59, 0.47
HSL	26°, 42%, 38%
HSV	26°, 59%, 53%
XYZ	14.5233, 12.8321, 5.4528
YIQ	99.8780, 38.3300, -0.8220

Conversions

Conversions Part 2

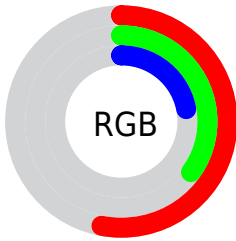
Format	Color
R_{YB}	136, 115, 56
Decimal	8935992
CIE _{Lab}	42.51, 15.11, 27.16
CIE _{LCh}	43, 31.080, 60.904
Yxy	12.8321, 0.4427, 0.3911
Android (android.graphics.Color)	4287126072 (0xFF885A38)
YUV	99.8780, -21.6319, 31.6790
Hunter-Lab	35.8219, 9.6810, 16.0502

Details

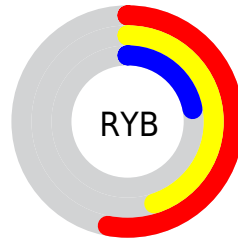
The XYZ color **14.5233, 12.8321, 5.4528** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.8259, 12.1205, 25.0613**, and the grayscale version is **12.1289, 12.7605, 13.8962**.

A 20% lighter version of the original color is **33.6150, 30.9621, 17.3013**, and **4.5343, 3.6669, 0.8166** is the 20% darker color. If you saturate the color by 10%, you get **13.6096, 11.4667, 3.7243**, and if you desaturate by 10%, it is **15.5974, 14.3737, 7.6809**.

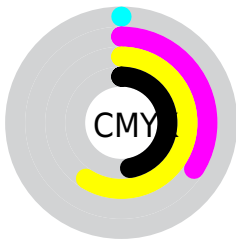
Distribution



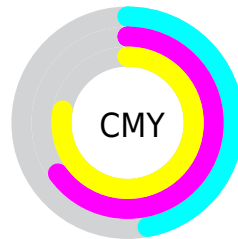
- Red (53%)
- Green (35%)
- Blue (22%)



- Red (53%)
- Yellow (45%)
- Blue (22%)



- Cyan (0%)
- Magenta (34%)
- Yellow (59%)
- Black (47%)





- Cyan (47%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5233, 12.8321, 5.4528 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 14.5233, 12.8321, 5.4528 by changing the saturation by 10% instead.


 14.5233, 12.8321,
5.4528


 14.5233, 12.8321,
5.4528


213.9085,
209.8388, 163.2158


 8.5696, 7.3130,
2.4520


 33.5933, 31.0018,
17.2417


 4.5164, 3.6586,
0.8145

 47.4403, 44.4212,
26.8669


 1.9982, 1.4845,
0.0000

 64.6492, 61.2429,
39.5372

 0.6330, 0.2778,
0.0000

 85.5852, 81.8512,
55.6713

 0.0000, 0.0000,
0.0000

 110.6139,
106.6306, 75.6877

 140.1004,

135.9654, 100.0049

174.4101,
170.2400, 129.0414

■ 14.5233, 12.8321,
5.4528

■ 14.5233, 12.8321,
5.4528

■ 13.6096, 11.4667,
3.7243

■ 15.5974, 14.3737,
7.6809

■ 12.8458, 10.2684,
2.4545

■ 16.8397, 16.0964,
10.4438

■ 12.2212, 9.2298,
1.5969

■ 18.2585, 18.0072,
13.7741

■ 11.7120, 8.3376,
1.0380

■ 19.8613, 20.1120,
17.7018

■ 11.6565, 8.2407,
0.9763

■ 21.6550, 22.4166,
22.2546

■ 23.6462, 24.9263,
27.4586

■ 25.8412, 27.6464,
33.3381

■ 28.2459, 30.5820,
39.9166

■ 30.8660, 33.7377,
47.2161

Harmonies

Analogous

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



16.4892, 12.8321, 8.3334



14.5233, 12.8321, 5.4528



12.1255, 12.8321, 4.6287

Triad

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



14.5233, 12.8321, 5.4528



8.2206, 12.8321, 14.1767



14.6622, 12.8321, 28.2402

Complementary

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



14.5233, 12.8321, 5.4528



10.8259, 12.1205, 25.0613

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.



12.2678, 12.8321, 31.2710



14.5233, 12.8321, 5.4528



8.7221, 12.8321, 21.7097

Square

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



14.5233, 12.8321, 5.4528



8.6654, 12.8321, 8.5860



10.1326, 12.8321, 28.5672



16.5763, 12.8321, 21.2397

Rectangle

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



14.5233, 12.8321, 5.4528



10.6573, 12.8321, 5.0469



10.1326, 12.8321, 28.5672



13.8772, 12.8321, 29.8416

Sweetspot

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



14.5236, 12.8327, 5.4530



35.1312, 35.6117, 31.5196



13.9990, 9.0353, 13.7506



7.9588, 8.0168, 6.8588



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.5236, 12.8327, 5.4530



23.4541, 19.3891, 5.6412



18.7613, 21.3081, 6.8656



5.1962, 5.3753, 5.3161



11.0415, 7.8175, 0.9270



0.0874, 0.0800, 0.0108

Inverse Universe

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



10.8259, 12.1205, 25.0613



16.2626, 17.9662, 43.6591



7.8340, 6.1367, 24.0640



4.9977, 5.3383, 6.3728



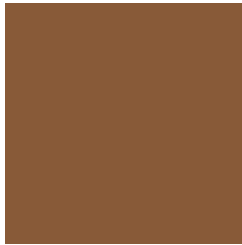
6.8070, 6.8843, 23.0157



0.0598, 0.0748, 0.1577

Previews

White Background



This preview shows how the XYZ color 14.5233, 12.8321, 5.4528 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

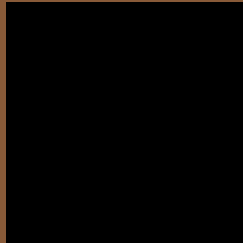
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5233, 12.8321, 5.4528

Background



This preview shows how black text looks on a background with the XYZ color 14.5233, 12.8321, 5.4528.



This preview shows how white text looks on a background with the XYZ color 14.5233, 12.8321,

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

14.5233, 12.8321, 5.4528

Protanopia

11.8997, 12.9486, 6.1471

Deuteranopia

13.0408, 12.8525, 5.4079



Tritanopia

15.9070, 12.9173, 11.7801

Trichromacy



Original Color

14.5233, 12.8321, 5.4528

Protanomaly

12.6719, 12.7871, 5.9379

Deuteranomaly

13.5944, 12.8704, 5.3822

Tritanomaly

15.3007, 12.7842, 9.0583

Monochromacy



Original Color

14.5233, 12.8321, 5.4528

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.5932, 12.5165, 10.1397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5233, 12.8321, 5.4528 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(136, 90, 56)` looks like.

```
.text, #text, p{  
    color:rgb(136, 90, 56)  
}
```

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(136, 90, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 90, 56) }
```

Border

The CSS property to change the border of an element to XYZ 14.5233, 12.8321, 5.4528 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(136, 90, 56) }
```


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

```
.border{ border-color:rgb(136, 90, 56) }
```

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

Here you see how a box with a 4 pixel rgb(136, 90, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 90, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 90, 56);  
box-shadow:4px 4px 4px 4px rgb(136, 90,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5233, 12.8321, 5.4528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 90, 56) }
```

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

```
.background{ background-color: rgb(136, 90,  
56) }
```

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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