

Converting Colors

XYZ(14.5126, 12.5615, 6.2171)

Have a look what the booklet for
XYZ(14.5126, 12.5615, 6.2171)
contains.

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Color

**XYZ(14.5126, 12.5615,
6.2171)**

Conversions

Conversions Part 1

Format	Color
Hex	88583E
RGB	136, 88, 62
RGB Percent	53%, 35%, 24%
CMY	0.4667, 0.6549, 0.7569
CMYK	0.00, 0.35, 0.54, 0.47
HSL	21°, 37%, 39%
HSV	21°, 54%, 53%
XYZ	14.5126, 12.5615, 6.2171
YIQ	99.3880, 36.9540, 2.0900

Conversions

Conversions Part 2

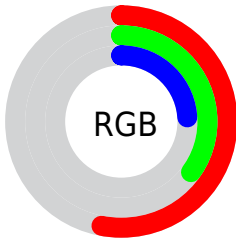
Format	Color
R_{YB}	136, 102, 62
Decimal	8935486
CIE _{Lab}	42.09, 16.83, 23.15
CIE _{LCh}	42, 28.622, 53.977
Yxy	12.5615, 0.4359, 0.3773
Android (android.graphics.Color)	4287125566 (0xFF88583E)
YUV	99.3880, -18.4323, 32.1087
Hunter-Lab	35.4422, 11.0669, 14.4092

Details

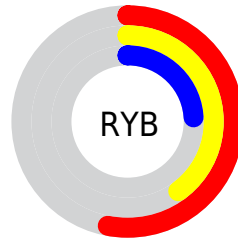
The XYZ color **14.5126, 12.5615, 6.2171** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.0062, 13.9529, 25.3530**, and the grayscale version is **11.9966, 12.6214, 13.7447**.

A 20% lighter version of the original color is **33.6412, 30.5092, 18.8676**, and **4.5128, 3.5419, 1.0619** is the 20% darker color. If you saturate the color by 10%, you get **13.5043, 11.0693, 4.2647**, and if you desaturate by 10%, it is **15.7025, 14.2676, 8.6912**.

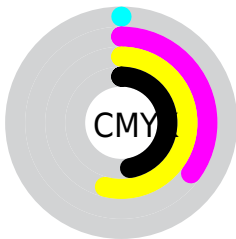
Distribution



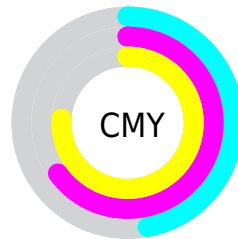
- Red (53%)
- Green (35%)
- Blue (24%)



- Red (53%)
- Yellow (40%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (47%)





- Cyan (47%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5126, 12.5615, 6.2171 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 14.5126, 12.5615, 6.2171 by changing the saturation by 10% instead.


 14.5126, 12.5615,
6.2171

 14.5126, 12.5615,
6.2171


213.8442,
208.0879, 170.3662


 8.5621, 7.1273,
2.9066


 33.5746, 30.5137,
18.8653

 4.5115, 3.5418,
1.0472

 47.4167, 43.8005,
29.0400


 1.9954, 1.4207,
0.0000

 64.6202, 60.4736,
42.3400

 0.6314, 0.2319,
0.0000

 85.5503, 80.9175,
59.1836

 0.0000, 0.0000,
0.0000

 110.5724,
105.5165, 79.9895

 140.0519,

134.6549, 105.1762

174.3540,
168.7173, 135.1623

■ 14.5126, 12.5615,
6.2171

■ 14.5126, 12.5615,
6.2171

■ 13.5043, 11.0693,
4.2647

■ 15.7025, 14.2676,
8.6912

■ 12.6666, 9.7801,
2.7948

■ 17.0826, 16.1941,
11.7209

■ 11.9883, 8.6847,
1.7637

■ 18.6616, 18.3497,
15.3378

■ 11.4554, 7.7716,
1.1146

■ 20.4478, 20.7420,
19.5713

■ 11.2017, 7.3310,
0.8246

■ 22.4487, 23.3780,
24.4486

■ 24.6714, 26.2647,
29.9951

■ 27.1229, 29.4087,
36.2351

■ 29.8097, 32.8162,
43.1916

■ 32.7379, 36.4934,
50.8864

Harmonies

Analogous

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



16.0844, 12.5615, 9.4445



14.5126, 12.5615, 6.2171



12.3741, 12.5615, 5.0167

Triad

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



14.5126, 12.5615, 6.2171



8.3131, 12.5615, 12.4835



13.6815, 12.5615, 27.4314

Complementary

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



14.5126, 12.5615, 6.2171



12.0062, 13.9529, 25.3530

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.



11.5149, 12.5615, 28.9653



14.5126, 12.5615, 6.2171



8.5756, 12.5615, 19.0168

Square

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



14.5126, 12.5615, 6.2171



8.9248, 12.5615, 7.8756



9.6898, 12.5615, 25.5209



15.5661, 12.5615, 21.7969

Rectangle

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



14.5126, 12.5615, 6.2171



10.9775, 12.5615, 5.1628



9.6898, 12.5615, 25.5209



12.9557, 12.5615, 28.5021

Sweetspot

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



14.5129, 12.5621, 6.2173



35.3966, 35.7043, 32.9592



14.6959, 9.8075, 15.8990



8.0654, 8.0925, 7.3180



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.



14.5129, 12.5621, 6.2173



23.4802, 19.0253, 6.9323



18.3438, 20.2240, 7.4943



5.1673, 5.3174, 5.3064



10.6102, 6.9549, 0.7832



0.0833, 0.0718, 0.0095

Inverse Universe

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



12.0062, 13.9529, 25.3530



18.5627, 21.6845, 44.2555



8.8197, 7.5800, 24.2908



5.0274, 5.3978, 6.3827



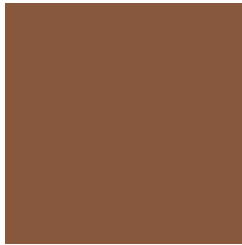
7.5342, 8.3388, 23.2581



0.0638, 0.0830, 0.1591

Previews

White Background



This preview shows how the XYZ color 14.5126, 12.5615, 6.2171 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 14.5126, 12.5615, 6.2171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

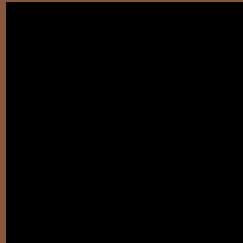
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5126, 12.5615, 6.2171

Background



This preview shows how black text looks on a background with the XYZ color 14.5126, 12.5615, 6.2171.



This preview shows how white text looks on a background with the XYZ color 14.5126, 12.5615,

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

14.5126, 12.5615, 6.2171

Protanopia

11.7546, 12.7077, 7.1435

Deuteranopia

12.8197, 12.5863, 6.1686



Tritanopia

15.5399, 12.4993, 11.4911

Trichromacy



Original Color

14.5126, 12.5615, 6.2171

Protanomaly

12.6082, 12.5989, 6.7683

Deuteranomaly

13.2736, 12.4268, 6.1139

Tritanomaly

15.0130, 12.3946, 9.1905

Monochromacy



Original Color

14.5126, 12.5615, 6.2171

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.4540, 12.3010, 10.5220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5126, 12.5615, 6.2171 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, 88, 62)` looks like.

```
.text, #text, p{  
    color:rgb(136, 88, 62)  
}
```

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, 88, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 88, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.5126, 12.5615, 6.2171 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, 88, 62) }
```


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

```
.border{ border-color:rgb(136, 88, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 88, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 88, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 88, 62);  
box-shadow:4px 4px 4px 4px rgb(136, 88,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5126, 12.5615, 6.2171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 88, 62) }
```

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

```
.background{ background-color: rgb(136, 88,  
62) }
```

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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