

Converting Colors

XYZ(15.9379, 14.6347, 6.3383)

Have a look what the booklet for
XYZ(15.9379, 14.6347, 6.3383)
contains.

XYZ(15.8574, 14.5613, 6.3897)	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(15.8574, 14.5613,
6.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	8B623D
RGB	139, 98, 61
RGB Percent	55%, 38%, 24%
CMY	0.4549, 0.6157, 0.7608
CMYK	0.00, 0.29, 0.56, 0.45
HSL	28°, 39%, 39%
HSV	28°, 56%, 55%
XYZ	15.8574, 14.5613, 6.3897
YIQ	106.0410, 36.3130, -2.8150

Conversions

Conversions Part 2

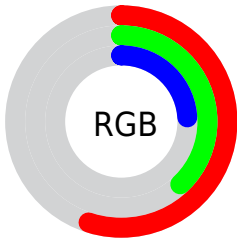
Format	Color
R_{YB}	139, 131, 61
Decimal	9134653
CIE Lab	45.03, 12.21, 27.50
CIE LCh	45, 30.086, 66.066
Yxy	14.5613, 0.4308, 0.3956
Android (android.graphics.Color)	4287324733 (0xFF8B623D)
YUV	106.0410, -22.2052, 28.9050
Hunter-Lab	38.1593, 7.3984, 16.7835

Details

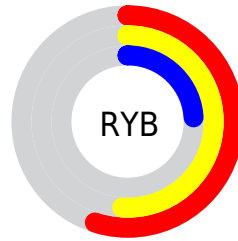
The XYZ color **15.8574, 14.5613, 6.3897** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.3356, 12.3581, 26.2137**, and the grayscale version is **13.7632, 14.4799, 15.7686**.

A 20% lighter version of the original color is **36.0134, 34.2011, 19.1714**, and **5.1228, 4.3866, 1.1070** is the 20% darker color. If you saturate the color by 10%, you get **14.8778, 13.1257, 4.4494**, and if you desaturate by 10%, it is **16.9971, 16.1620, 8.8626**.

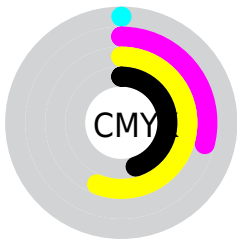
Distribution



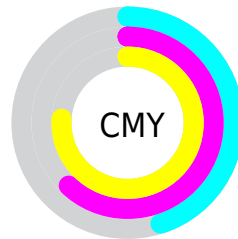
- Red (55%)
- Green (38%)
- Blue (24%)



- Red (55%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (29%)
- Yellow (56%)
- Black (45%)





- Cyan (45%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8574, 14.5613, 6.3897 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 15.8574, 14.5613, 6.3897 by changing the saturation by 10% instead.


 15.8574, 14.5613,
6.3897


 15.8574, 14.5613,
6.3897


221.7858,
220.6953, 171.9254


 9.5135, 8.5121,
3.0109


 35.9099, 34.0817,
19.2260


 5.1374, 4.4243,
1.1002

 50.3493, 48.3217,
29.5206


 2.3637, 1.9136,
0.0000

 68.2178, 66.0607,
42.9574

 0.8270, 0.5566,
0.0000

 89.8809, 87.6832,
59.9551

 0.0000, 0.0000,
0.0000

 115.7038,
113.5735, 80.9323

 146.0521,

144.1160, 106.3073

181.2909,
179.6951, 136.4989

■ 15.8574, 14.5613,
6.3897

■ 15.8574, 14.5613,
6.3897

■ 14.8778, 13.1257,
4.4494

■ 16.9971, 16.1620,
8.8626

■ 14.0481, 11.8467,
2.9999

■ 18.3045, 17.9315,
11.9038

■ 13.3579, 10.7179,
1.9944

■ 19.7875, 19.8762,
15.5469

■ 12.7916, 9.7302,
1.3590

■ 21.4535, 22.0013,
19.8228

■ 12.5922, 9.3787,
1.1466

■ 23.3092, 24.3118,
24.7598

■ 25.3610, 26.8126,
30.3850

■ 27.6150, 29.5083,
36.7237

■ 30.0770, 32.4032,
43.7999

■ 32.7526, 35.5016,
51.6366

Harmonies

Analogous

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



18.0446, 14.5613, 9.1203



15.8574, 14.5613, 6.3897



13.3443, 14.5613, 5.8115

Triad

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



15.8574, 14.5613, 6.3897



9.6346, 14.5613, 17.3358



16.8282, 14.5613, 29.5853

Complementary

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



15.8574, 14.5613, 6.3897



11.3356, 12.3581, 26.2137

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.



14.3480, 14.5613, 33.5888



15.8574, 14.5613, 6.3897



10.3454, 14.5613, 25.2849

Square

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



15.8574, 14.5613, 6.3897



9.9375, 14.5613, 10.9526



12.0015, 14.5613, 31.8174



18.6501, 14.5613, 22.0370

Rectangle

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



15.8574, 14.5613, 6.3897



11.8565, 14.5613, 6.5071



12.0015, 14.5613, 31.8174



16.0333, 14.5613, 31.4784

Sweetspot

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



15.8578, 14.5620, 6.3900



38.0270, 38.9051, 34.4741



14.7443, 9.7978, 13.8410



8.6396, 8.8092, 7.6251



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.



15.8578, 14.5620, 6.3900



26.2724, 22.9447, 7.2840



20.3502, 23.5468, 7.8875



5.2158, 5.4144, 5.3226



11.3822, 8.4988, 1.0405



0.0901, 0.0854, 0.0117

Inverse Universe

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



11.3356, 12.3581, 26.2137



17.3392, 18.5818, 46.4157



8.3956, 6.4781, 25.2337



4.9779, 5.2988, 6.3662



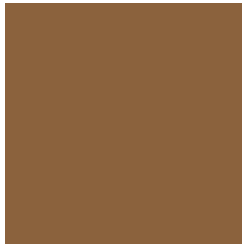
6.3770, 6.0244, 22.8724



0.0570, 0.0694, 0.1568

Previews

White Background



This preview shows how the XYZ color 15.8574, 14.5613, 6.3897 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 15.8574, 14.5613, 6.3897 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 15.8574, 14.5613, 6.3897

Background



This preview shows how black text looks on a background with the XYZ color 15.8574, 14.5613, 6.3897.



This preview shows how white text looks on a background with the XYZ color 15.8574, 14.5613,

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

15.8574, 14.5613, 6.3897

Protanopia

13.5192, 14.6675, 6.9691

Deuteranopia

14.7729, 14.5748, 6.3096



Tritanopia

17.3699, 14.4996, 13.9398

Trichromacy



Original Color

15.8574, 14.5613, 6.3897

Protanomaly

14.3050, 14.6195, 6.7705

Deuteranomaly

15.1422, 14.6202, 6.2989

Tritanomaly

16.7564, 14.5190, 10.7234

Monochromacy



Original Color

15.8574, 14.5613, 6.3897

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1669, 14.2902, 11.6845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8574, 14.5613, 6.3897 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, 98, 61)` looks like.

```
.text, #text, p{  
    color:rgb(139, 98, 61)  
}
```

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, 98, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 98, 61) }
```

Border

The CSS property to change the border of an element to XYZ 15.8574, 14.5613, 6.3897 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, 98, 61) }
```


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

```
.border{ border-color:rgb(139, 98, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 98, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 98, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 98, 61);  
box-shadow:4px 4px 4px 4px rgb(139, 98,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8574, 14.5613, 6.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 98, 61) }
```

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

```
.background{ background-color: rgb(139, 98,  
61) }
```

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