

Converting Colors

XYZ(14.6886, 15.3070, 8.6457)

Have a look what the booklet for
XYZ(14.6886, 15.3070, 8.6457)
contains.

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Color

**XYZ(14.6621, 15.2208,
8.6437)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6B4A
RGB	123, 107, 74
RGB Percent	48%, 42%, 29%
CMY	0.5176, 0.5804, 0.7098
CMYK	0.00, 0.13, 0.40, 0.52
HSL	40°, 25%, 39%
HSV	40°, 40%, 48%
XYZ	14.6621, 15.2208, 8.6437
YIQ	108.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

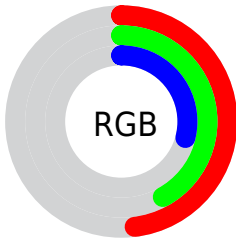
Format	Color
RYB	98, 123, 74
Decimal	8088394
CIELab	45.94, 1.20, 20.83
CIElCh	46, 20.863, 86.716
Yxy	15.2208, 0.3806, 0.3951
Android (android.graphics.Color)	4286278474 (0xFF7B6B4A)
YUV	108.0220, -16.7728, 13.1357
Hunter-Lab	39.0138, -1.1907, 14.1737

Details

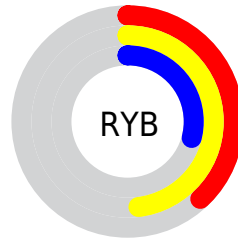
The XYZ color **14.6621, 15.2208, 8.6437** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.0552, 10.1978, 20.1772**, and the grayscale version is **14.3020, 15.0468, 16.3860**.

A 20% lighter version of the original color is **33.7065, 35.1139, 23.7400**, and **4.5853, 4.7369, 1.8350** is the 20% darker color. If you saturate the color by 10%, you get **13.8787, 14.2536, 6.5343**, and if you desaturate by 10%, it is **15.5467, 16.2607, 11.1871**.

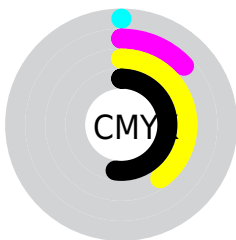
Distribution



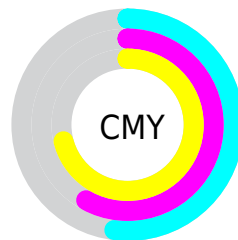
- Red (48%)
- Green (42%)
- Blue (29%)



- Red (38%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (52%)



- Cyan (52%)
- Magenta (58%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6621, 15.2208, 8.6437 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 14.6621, 15.2208, 8.6437 by changing the saturation by 10% instead.

■ 14.6621, 15.2208,
8.6437

■ 14.6621, 15.2208,
8.6437

214.7410,
224.6988, 190.8164

■ 8.6674, 8.9745,
4.4159

■ 33.8358, 35.2401,
23.7777

■ 4.5802, 4.7245,
1.8562

■ 47.7456, 49.7818,
35.5210

■ 2.0353, 2.0866,
0.4646

■ 65.0243, 67.8575,
50.6064

■ 0.6537, 0.6571,
0.0000

■ 86.0374, 89.8515,
69.4527

■ 0.0000, 0.0000,
0.0000

■ 111.1503,
116.1483, 92.4783

140.7283,

147.1321, 120.1018

175.1367,
183.1875, 152.7416

■ 14.6621, 15.2208,
8.6437

■ 14.6621, 15.2208,
8.6437

■ 13.8787, 14.2536,
6.5343

■ 15.5467, 16.2607,
11.1871

■ 13.1905, 13.3546,
4.8328

■ 16.5361, 17.3735,
14.1865

■ 12.5922, 12.5219,
3.5119

■ 17.6349, 18.5620,
17.6637

■ 12.0778, 11.7525,
2.5404

■ 18.8472, 19.8282,
21.6388

■ 11.6400, 11.0432,
1.8822

■ 20.1767, 21.1740,
26.1306

■ 11.2559, 10.3843,
1.4169

■ 21.6271, 22.6012,
31.1570

■ 11.2498, 10.3738,
1.4094

■ 23.2019, 24.1117,
36.7352

■ 24.9044, 25.7070,
42.8813

■ 26.7376, 27.3889,
49.6109

Harmonies

Analogous

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



16.4093, 15.2208, 9.7066



14.6621, 15.2208, 8.6437



12.9951, 15.2208, 9.3223

Triad

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



14.6621, 15.2208, 8.6437



11.6438, 15.2208, 21.3346



17.4915, 15.2208, 22.4957

Complementary

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



14.6621, 15.2208, 8.6437



10.0552, 10.1978, 20.1772

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.



16.0459, 15.2208, 26.8519



14.6621, 15.2208, 8.6437



12.6842, 15.2208, 26.0915

Square

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



14.6621, 15.2208, 8.6437



11.3381, 15.2208, 16.0226



14.2735, 15.2208, 28.2852



18.1242, 15.2208, 17.1356

Rectangle

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



14.6621, 15.2208, 8.6437



12.1357, 15.2208, 10.7652



14.2735, 15.2208, 28.2852



17.0791, 15.2208, 24.1647

Sweetspot

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



14.6625, 15.2215, 8.6440



31.0775, 32.7040, 30.0192



12.4769, 9.8525, 10.9917



7.2712, 7.6508, 6.9170



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.6625, 15.2215, 8.6440



24.9402, 25.6347, 11.9264



15.3673, 18.2938, 9.1999



4.2027, 4.4238, 4.2569



11.6328, 10.7215, 1.4563



54.6893, 49.5422, 6.6802

Inverse Universe

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



10.0552, 10.1978, 20.1772



15.4551, 15.3004, 35.6953



9.5183, 8.1291, 19.8062



3.8946, 4.0875, 5.0269



4.4842, 3.0509, 19.7378



20.6908, 13.1542, 93.9183

Previews

White Background



This preview shows how the XYZ color 14.6621, 15.2208, 8.6437 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 14.6621, 15.2208, 8.6437 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

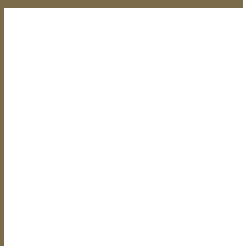
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6621, 15.2208, 8.6437

Background



This preview shows how black text looks on a background with the XYZ color 14.6621, 15.2208, 8.6437.



This preview shows how white text looks on a background with the XYZ color 14.6621, 15.2208,

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

14.6621, 15.2208, 8.6437

Protanopia

14.2099, 15.2968, 8.8603

Deuteranopia

15.4262, 15.1545, 8.7687



Tritanopia

16.3182, 15.1406, 16.8142

Trichromacy



Original Color

14.6621, 15.2208, 8.6437

Protanomaly

14.3783, 15.2262, 8.8377

Deuteranomaly

15.0740, 15.1232, 8.7812

Tritanomaly

15.7122, 15.1993, 13.4149

Monochromacy



Original Color

14.6621, 15.2208, 8.6437

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2839, 15.0804, 13.2243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6621, 15.2208, 8.6437 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(123, 107, 74)` looks like.

```
.text, #text, p{  
    color:rgb(123, 107, 74)  
}
```

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(123, 107, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 107, 74) }
```

Border

The CSS property to change the border of an element to XYZ 14.6621, 15.2208, 8.6437 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(123, 107, 74) }
```


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

```
.border{ border-color:rgb(123, 107, 74) }
```

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

Here you see how a box with a 4 pixel rgb(123, 107, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 107, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 107, 74);  
box-shadow:4px 4px 4px 4px rgb(123, 107,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6621, 15.2208, 8.6437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 107, 74) }
```

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

```
.background{ background-color: rgb(123,  
107, 74) }
```

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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