

Converting Colors

XYZ(13.4561, 14.1504, 8.1530)

Have a look what the booklet for
XYZ(13.4561, 14.1504, 8.1530)
contains.

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Color

**XYZ(13.4561, 14.1504,
8.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	756848
RGB	117, 104, 72
RGB Percent	46%, 41%, 28%
CMY	0.5412, 0.5921, 0.7176
CMYK	0.00, 0.11, 0.38, 0.54
HSL	43°, 24%, 37%
HSV	43°, 38%, 46%
XYZ	13.4561, 14.1504, 8.1530
YIQ	104.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

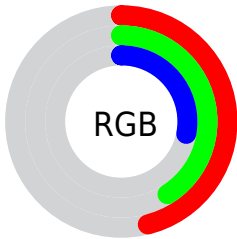
Format	Color
R_{YB}	90, 117, 72
Decimal	7694408
CIE Lab	44.45, 0.04, 19.92
CIE LCh	44, 19.923, 89.878
Yxy	14.1504, 0.3763, 0.3957
Android (android.graphics.Color)	4285884488 (0xFF756848)
YUV	104.2390, -15.8938, 11.1914
Hunter-Lab	37.6170, -1.9780, 13.4816

Details

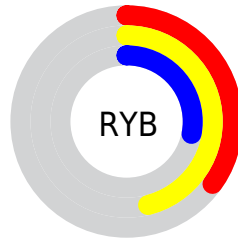
The XYZ color **13.4561, 14.1504, 8.1530** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.1318, 9.1588, 18.1161**, and the grayscale version is **13.2603, 13.9509, 15.1925**.

A 20% lighter version of the original color is **31.7501, 33.3692, 22.8567**, and **4.0566, 4.2390, 1.7030** is the 20% darker color. If you saturate the color by 10%, you get **12.7769, 13.3458, 6.2194**, and if you desaturate by 10%, it is **14.2223, 15.0126, 10.4744**.

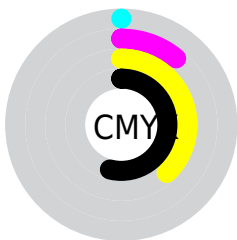
Distribution



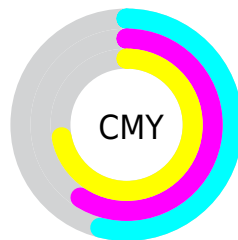
- Red (46%)
- Green (41%)
- Blue (28%)



- Red (35%)
- Yellow (46%)
- Blue (28%)



- Cyan (0%)
- Magenta (11%)
- Yellow (38%)
- Black (54%)



- Cyan (54%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4561, 14.1504, 8.1530 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 13.4561, 14.1504, 8.1530 by changing the saturation by 10% instead.

■ 13.4561, 14.1504,
8.1530

■ 13.4561, 14.1504,
8.1530

207.3995,
218.1645, 186.9064

■ 7.8225, 8.2253,
4.1038

■ 31.7152, 33.3557,
22.8089

■ 4.0324, 4.2395,
1.6825

■ 45.0714, 47.4046,
34.2528

■ 1.7205, 1.8084,
0.3487

■ 61.7325, 64.9304,
48.9986

■ 0.4691, 0.4924,
0.0000

■ 82.0639, 86.3173,
67.4650

■ 0.0000, 0.0000,
0.0000

■ 106.4310,
111.9498, 90.0704

135.1990,

142.2122, 117.2334

168.7334,
177.4890, 149.3726

■ 13.4561, 14.1504,
8.1530

■ 13.4561, 14.1504,
8.1530

■ 12.7769, 13.3458,
6.2194

■ 14.2223, 15.0126,
10.4744

■ 12.1794, 12.5950,
4.6510

■ 15.0784, 15.9323,
13.2029

■ 11.6592, 11.8964,
3.4239

■ 16.0285, 16.9120,
16.3574

■ 11.2111, 11.2476,
2.5112

■ 17.0760, 17.9531,
19.9555

■ 10.8289, 10.6460,
1.8821

■ 18.2242, 19.0573,
24.0138

■ 10.4952, 10.0843,
1.4450

■ 19.4763, 20.2261,
28.5479

■ 10.4453, 10.0002,
1.3797

■ 20.8352, 21.4609,
33.5729

■ 22.3037, 22.7629,
39.1029

■ 23.8847, 24.1337,
45.1518

Harmonies

Analogous

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



15.0580, 14.1504, 8.9588



13.4561, 14.1504, 8.1530



11.9704, 14.1504, 8.9457

Triad

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



13.4561, 14.1504, 8.1530



10.9478, 14.1504, 20.2414



16.2985, 14.1504, 20.2806

Complementary

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



13.4561, 14.1504, 8.1530



9.1318, 9.1588, 18.1161

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.



15.0457, 14.1504, 24.4089



13.4561, 14.1504, 8.1530



11.9599, 14.1504, 24.3833

Square

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



13.4561, 14.1504, 8.1530



10.5942, 14.1504, 15.3886



13.4430, 14.1504, 26.0399



16.7767, 14.1504, 15.4262

Rectangle

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



13.4561, 14.1504, 8.1530



11.2256, 14.1504, 10.3860



13.4430, 14.1504, 26.0399



15.9493, 14.1504, 21.8316

Sweetspot

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



13.4565, 14.1511, 8.1533



28.0272, 29.5964, 27.0245



11.3132, 9.0806, 9.8555



6.4069, 6.7666, 6.0903



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.4565, 14.1511, 8.1533



23.0264, 24.0766, 11.5405



13.7153, 16.3786, 8.5696



3.8816, 4.0961, 3.9283



11.4949, 10.9910, 1.5156



55.2539, 52.0363, 7.1318

Inverse Universe

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



9.1318, 9.1588, 18.1161



14.1286, 13.8117, 32.0583



8.9217, 7.6686, 17.8395



3.5789, 3.7464, 4.6247



4.1491, 2.6379, 18.8331



19.5684, 11.5535, 91.5590

Previews

White Background



This preview shows how the XYZ color 13.4561, 14.1504, 8.1530 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 13.4561, 14.1504, 8.1530 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 13.4561, 14.1504, 8.1530

Background



This preview shows how black text looks on a background with the XYZ color 13.4561, 14.1504, 8.1530.

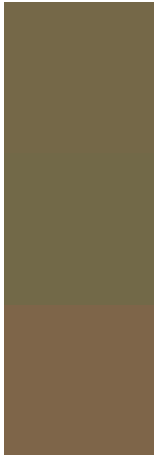


This preview shows how white text looks on a background with the XYZ color 13.4561, 14.1504,

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

13.4561, 14.1504, 8.1530

Protanopia

13.1607, 14.1484, 8.1682

Deuteranopia

14.4605, 14.2240, 8.2867



Tritanopia

15.0962, 14.2408, 15.8630

Trichromacy



Original Color

13.4561, 14.1504, 8.1530

Protanomaly

13.2915, 14.2159, 8.1743

Deuteranomaly

14.1223, 14.1947, 8.2989

Tritanomaly

14.4198, 14.1086, 12.5529

Monochromacy



Original Color

13.4561, 14.1504, 8.1530

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1888, 13.9245, 12.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4561, 14.1504, 8.1530 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(117, 104, 72)` looks like.

```
.text, #text, p{  
    color:rgb(117, 104, 72)  
}
```

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(117, 104, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 104, 72) }
```

Border

The CSS property to change the border of an element to XYZ 13.4561, 14.1504, 8.1530 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(117, 104, 72) }
```


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

```
.border{ border-color:rgb(117, 104, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 104, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 104, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 104, 72);  
box-shadow:4px 4px 4px 4px rgb(117, 104,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4561, 14.1504, 8.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 104, 72) }
```

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

```
.background{ background-color: rgb(117,  
104, 72) }
```

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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