

Converting Colors

XYZ(14.0721, 14.1399, 6.9541)

Have a look what the booklet for
XYZ(14.0721, 14.1399, 6.9541)
contains.

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Color

**XYZ(14.1630, 14.2444,
7.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6641
RGB	125, 102, 65
RGB Percent	49%, 40%, 25%
CMY	0.5098, 0.6000, 0.7451
CMYK	0.00, 0.18, 0.48, 0.51
HSL	37°, 32%, 37%
HSV	37°, 48%, 49%
XYZ	14.1630, 14.2444, 7.0040
YIQ	104.6590, 25.5850, -6.6310

Conversions

Conversions Part 2

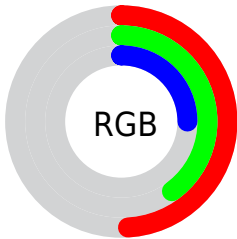
Format	Color
R_{YB}	102, 125, 65
Decimal	8218177
CIE Lab	44.58, 3.95, 24.32
CIE LCh	45, 24.634, 80.767
Yxy	14.2444, 0.4000, 0.4023
Android (android.graphics.Color)	4286408257 (0xFF7D6641)
YUV	104.6590, -19.5519, 17.8391
Hunter-Lab	37.7418, 0.9360, 15.4164

Details

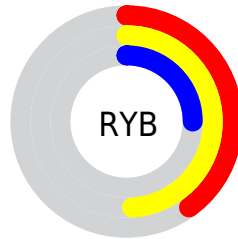
The XYZ color **14.1630, 14.2444, 7.0040** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.3713, 9.5836, 20.7580**, and the grayscale version is **13.3817, 14.0786, 15.3316**.

A 20% lighter version of the original color is **32.9623, 33.5584, 20.3629**, and **4.3256, 4.2424, 1.3003** is the 20% darker color. If you saturate the color by 10%, you get **13.3830, 13.2012, 5.1510**, and if you desaturate by 10%, it is **15.0511, 15.3755, 9.2888**.

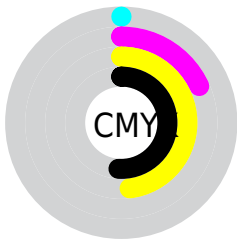
Distribution



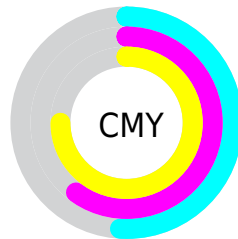
- Red (49%)
- Green (40%)
- Blue (25%)



- Red (40%)
- Yellow (49%)
- Blue (25%)



- Cyan (0%)
- Magenta (18%)
- Yellow (48%)
- Black (51%)



- Cyan (51%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1630, 14.2444, 7.0040 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 14.1630, 14.2444, 7.0040 by changing the saturation by 10% instead.

14.1630, 14.2444,
7.0040

14.1630, 14.2444,
7.0040

211.7329,
218.7460, 177.3291

8.3166, 8.2908,
3.3861

32.9618, 33.5221,
20.4943

4.3517, 4.2816,
1.2950

46.6449, 47.6149,
31.2037

1.9030, 1.8323,
0.0577

63.6710, 65.1897,
45.1141

0.5786, 0.5072,
0.0000

84.4054, 86.6308,
62.6440

0.0000, 0.0000,
0.0000

109.2134,
112.3226, 84.2119

138.4604,

142.6494, 110.2364

172.5118,
177.9958, 141.1359

■ 14.1630, 14.2444,
7.0040

■ 14.1630, 14.2444,
7.0040

■ 13.3830, 13.2012,
5.1510

■ 15.0511, 15.3755,
9.2888

■ 12.7042, 12.2407,
3.7007

■ 16.0515, 16.5953,
12.0303

■ 12.1206, 11.3604,
2.6215

■ 17.1696, 17.9071,
15.2526

■ 11.6247, 10.5564,
1.8769

■ 18.4098, 19.3134,
18.9776

■ 11.1990, 9.8211,
1.3772

■ 19.7766, 20.8166,
23.2260

■ 11.1176, 9.6803,
1.2825

■ 21.2739, 22.4190,
28.0175

■ 22.9058, 24.1227,
33.3704

■ 24.6758, 25.9300,
39.3024

■ 26.5876, 27.8428,
45.8303

Harmonies

Analogous

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



16.1098, 14.2444, 8.4679



14.1630, 14.2444, 7.0040



12.2252, 14.2444, 7.3454

Triad

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



14.1630, 14.2444, 7.0040



10.2629, 14.2444, 19.7352



16.7290, 14.2444, 23.5371

Complementary

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



14.1630, 14.2444, 7.0040



9.3713, 9.5836, 20.7580

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.



14.9435, 14.2444, 28.1995



14.1630, 14.2444, 7.0040



11.2572, 14.2444, 25.6572

Square

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



14.1630, 14.2444, 7.0040



10.0980, 14.2444, 13.8148



12.9334, 14.2444, 29.0584



17.6840, 14.2444, 17.3379

Rectangle

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



14.1630, 14.2444, 7.0040



11.1878, 14.2444, 8.5948



12.9334, 14.2444, 29.0584



16.1982, 14.2444, 25.3938

Sweetspot

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



14.1633, 14.2451, 7.0043



31.5337, 32.9691, 29.6489



12.1093, 8.8453, 10.3018



7.0841, 7.3980, 6.4800



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.



14.1633, 14.2451, 7.0043



23.7843, 23.3897, 8.8174



15.7591, 18.9005, 7.8188



4.5312, 4.7511, 4.5984



11.5965, 10.0894, 1.3362



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.3713, 9.5836, 20.7580



14.0845, 13.9675, 36.6980



8.2646, 6.6392, 20.2480



4.2335, 4.4610, 5.4512



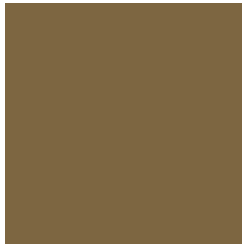
4.9563, 3.7310, 20.7089



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1630, 14.2444, 7.0040 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 14.1630, 14.2444, 7.0040 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 14.1630, 14.2444, 7.0040

Background



This preview shows how black text looks on a background with the XYZ color 14.1630, 14.2444, 7.0040.



This preview shows how white text looks on a background with the XYZ color 14.1630, 14.2444,

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

14.1630, 14.2444, 7.0040

Protanopia

13.2076, 14.3463, 7.2272

Deuteranopia

14.5099, 14.2782, 6.9922



Tritanopia

15.8778, 14.2364, 15.2757

Trichromacy



Original Color

14.1630, 14.2444, 7.0040

Protanomaly

13.6427, 14.4184, 7.2182

Deuteranomaly

14.3602, 14.2010, 6.9852

Tritanomaly

15.2094, 14.2511, 11.6220

Monochromacy



Original Color

14.1630, 14.2444, 7.0040

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.4779, 14.0836, 11.6809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1630, 14.2444, 7.0040 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(125, 102, 65)` looks like.

```
.text, #text, p{  
    color:rgb(125, 102, 65)  
}
```

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(125, 102, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 102, 65) }
```

Border

The CSS property to change the border of an element to XYZ 14.1630, 14.2444, 7.0040 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(125, 102, 65) }
```


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

```
.border{ border-color:rgb(125, 102, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 102, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 102, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 102, 65);  
box-shadow:4px 4px 4px 4px rgb(125, 102,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1630, 14.2444, 7.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 102, 65) }
```

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

```
.background{ background-color: rgb(125,  
102, 65) }
```

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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