

Converting Colors

XYZ(13.5171, 14.0854, 5.5310)

Have a look what the booklet for
XYZ(13.5171, 14.0854, 5.5310)
contains.

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Color

**XYZ(13.5421, 14.1044,
5.4987)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6736
RGB	122, 103, 54
RGB Percent	48%, 40%, 21%
CMY	0.5216, 0.5961, 0.7882
CMYK	0.00, 0.16, 0.56, 0.52
HSL	43°, 39%, 35%
HSV	43°, 56%, 48%
XYZ	13.5421, 14.1044, 5.4987
YIQ	103.0950, 27.0530, -11.2110

Conversions

Conversions Part 2

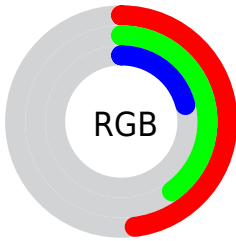
Format	Color
R_{YB}	80, 122, 54
Decimal	8021814
CIE _{Lab}	44.38, 0.88, 30.18
CIE _{LCh}	44, 30.194, 88.332
Yxy	14.1044, 0.4086, 0.4255
Android (android.graphics.Color)	4286211894 (0xFF7A6736)
YUV	103.0950, -24.2038, 16.5797
Hunter-Lab	37.5558, -1.3581, 17.6082

Details

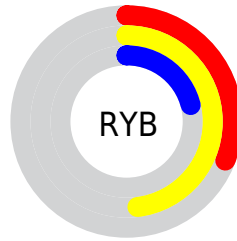
The XYZ color **13.5421, 14.1044, 5.4987** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.4166, 6.9542, 19.3636**, and the grayscale version is **12.9746, 13.6503, 14.8652**.

A 20% lighter version of the original color is **31.8584, 33.3006, 17.3189**, and **4.0565, 4.1855, 0.8238** is the 20% darker color. If you saturate the color by 10%, you get **12.9588, 13.3402, 4.0638**, and if you desaturate by 10%, it is **14.2118, 14.9264, 7.3175**.

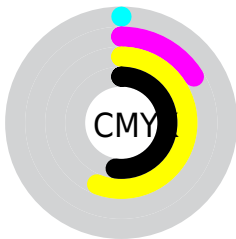
Distribution



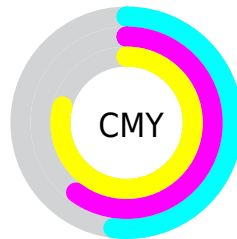
- Red (48%)
- Green (40%)
- Blue (21%)



- Red (31%)
- Yellow (48%)
- Blue (21%)



- Cyan (0%)
- Magenta (16%)
- Yellow (56%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5421, 14.1044, 5.4987 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 13.5421, 14.1044, 5.4987 by changing the saturation by 10% instead.

■ 13.5421, 14.1044,
5.4987

■ 13.5421, 14.1044,
5.4987

207.9314,
217.8793, 163.6575

■ 7.8824, 8.1933,
2.4789

■ 31.8674, 33.2742,
17.3405

■ 4.0710, 4.2189,
0.8290

■ 45.2638, 47.3016,
26.9996

■ 1.7424, 1.7967,
0.0000

■ 61.9698, 64.8033,
39.7090

■ 0.4826, 0.4851,
0.0000

■ 82.3507, 86.1637,
55.8870

■ 0.0000, 0.0000,
0.0000

■ 106.7720,
111.7670, 75.9524

■ 135.5990,

141.9979, 100.3235

169.1970,
177.2405, 129.4190

■ 13.5421, 14.1044,
5.4987

■ 13.5421, 14.1044,
5.4987

■ 12.9588, 13.3402,
4.0638

■ 14.2118, 14.9264,
7.3175

■ 12.4552, 12.6292,
2.9830

■ 14.9721, 15.8064,
9.5452

■ 12.0253, 11.9692,
2.2234

■ 15.8277, 16.7472,
12.2059

■ 11.6578, 11.3555,
1.7268

■ 16.7832, 17.7508,
15.3214

■ 11.5089, 11.1035,
1.5366

■ 17.8423, 18.8190,
18.9120

■ 19.0091, 19.9536,
22.9970

■ 20.2869, 21.1562,
27.5943

■ 21.6793, 22.4284,
32.7212

■ 23.1894, 23.7718,
38.3939

Harmonies

Analogous

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



16.0075, 14.1044, 6.5610



13.5421, 14.1044, 5.4987



11.3112, 14.1044, 6.3428

Triad

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



13.5421, 14.1044, 5.4987



9.7041, 14.1044, 22.6116



17.7818, 14.1044, 23.4949

Complementary

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



13.5421, 14.1044, 5.4987



7.4166, 6.9542, 19.3636

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.



15.7442, 14.1044, 30.3771



13.5421, 14.1044, 5.4987



11.1025, 14.1044, 29.7682

Square

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



13.5421, 14.1044, 5.4987



9.2620, 14.1044, 14.9716



13.2704, 14.1044, 32.9602



18.6313, 14.1044, 15.7496

Rectangle

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



13.5421, 14.1044, 5.4987



10.2138, 14.1044, 8.0766



13.2704, 14.1044, 32.9602



17.2019, 14.1044, 26.0637

Sweetspot

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



13.5424, 14.1051, 5.4990



29.2331, 30.9260, 25.9806



10.5567, 7.2606, 7.1950



6.6238, 7.0085, 5.7415



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.5424, 14.1051, 5.4990



22.5296, 23.1000, 6.5406



13.7209, 17.3276, 6.1116



4.2176, 4.4536, 4.2618



12.1100, 11.6759, 1.6154



57.0207, 54.2049, 7.4573

Inverse Universe

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



7.4166, 6.9542, 19.3636



10.6049, 9.2059, 33.6109



7.2675, 5.2991, 19.0520



3.8804, 4.0591, 5.0221



4.2968, 2.6759, 19.6753



19.8652, 11.5031, 93.6431

Previews

White Background



This preview shows how the XYZ color 13.5421, 14.1044, 5.4987 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 13.5421, 14.1044, 5.4987 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 13.5421, 14.1044, 5.4987

Background



This preview shows how black text looks on a background with the XYZ color 13.5421, 14.1044, 5.4987.



This preview shows how white text looks on a background with the XYZ color 13.5421, 14.1044,

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

13.5421, 14.1044, 5.4987

Protanopia

12.9436, 14.0920, 5.6523

Deuteranopia

14.3000, 14.0573, 5.5741



Tritanopia

15.4287, 14.0049, 15.2546

Trichromacy



Original Color

13.5421, 14.1044, 5.4987

Protanomaly

13.1111, 14.0280, 5.6311

Deuteranomaly

13.9475, 14.0188, 5.5852

Tritanomaly

14.5990, 13.9555, 10.7283

Monochromacy



Original Color

13.5421, 14.1044, 5.4987

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.9203, 13.6714, 10.5522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5421, 14.1044, 5.4987 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(122, 103, 54)` looks like.

```
.text, #text, p{  
    color:rgb(122, 103, 54)  
}
```

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(122, 103, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 103, 54) }
```

Border

The CSS property to change the border of an element to XYZ 13.5421, 14.1044, 5.4987 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(122, 103, 54) }
```


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

```
.border{ border-color:rgb(122, 103, 54) }
```

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

Here you see how a box with a 4 pixel rgb(122, 103, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 103, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 103, 54);  
box-shadow:4px 4px 4px 4px rgb(122, 103,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5421, 14.1044, 5.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 103, 54) }
```

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

```
.background{ background-color: rgb(122,  
103, 54) }
```

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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