

Converting Colors

XYZ(13.8686, 13.7854, 14.1690)

Have a look what the booklet for
XYZ(13.8686, 13.7854, 14.1690)
contains.

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Color

**XYZ(13.9421, 13.8244,
14.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	726565
RGB	114, 101, 101
RGB Percent	45%, 40%, 40%
CMY	0.5529, 0.6039, 0.6039
CMYK	0.00, 0.11, 0.11, 0.55
HSL	0°, 6%, 42%
HSV	0°, 11%, 45%
XYZ	13.9421, 13.8244, 14.2455
YIQ	104.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

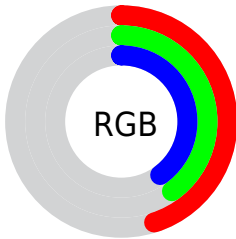
Format	Color
R_{YB}	114, 101, 101
Decimal	7497061
CIE Lab	43.98, 5.16, 1.88
CIE LCh	44, 5.492, 20.041
Yxy	13.8244, 0.3319, 0.3291
Android (android.graphics.Color)	4285687141 (0xFF726565)
YUV	104.8870, -1.9163, 7.9921
Hunter-Lab	37.1812, 1.8664, 3.3106

Details

The XYZ color **13.9421, 13.8244, 14.2455** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4213, 16.0159, 18.2510**, and the grayscale version is **13.4006, 14.0985, 15.3532**.

A 20% lighter version of the original color is **32.6216, 32.8305, 34.3233**, and **4.2318, 4.0629, 4.0512** is the 20% darker color. If you saturate the color by 10%, you get **12.3909, 11.5547, 11.1612**, and if you desaturate by 10%, it is **15.7250, 16.4333, 17.7897**.

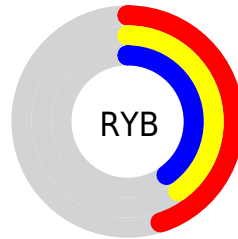
Distribution



Red (45%)

Green (40%)

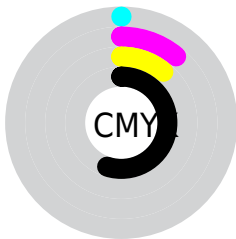
Blue (40%)



Red (45%)

Yellow (40%)

Blue (40%)

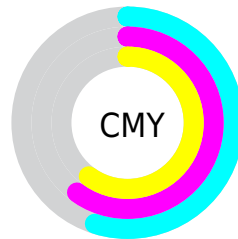


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9421, 13.8244, 14.2455 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 13.9421, 13.8244, 14.2455 by changing the saturation by 10% instead.

■ 13.9421, 13.8244,
14.2455

■ 13.9421, 13.8244,
14.2455

210.3882,
216.1357, 230.2341

■ 8.1618, 7.9986,
8.1509

■ 32.5734, 32.7771,
34.2474

■ 4.2514, 4.0941,
4.1025

■ 46.1551, 46.6729,
48.9917

■ 1.8453, 1.7263,
1.6817

■ 63.0680, 64.0274,
67.4565

■ 0.5447, 0.4406,
0.3482

■ 83.6775, 85.2251,
90.0601

■ 0.0000, 0.0000,
0.0000

108.3489,
110.6504, 117.2211

137.4476,

140.6877, 149.3581

171.3389,
175.7213, 186.8896

■ 13.9421, 13.8244,
14.2455

■ 13.9421, 13.8244,
14.2455

■ 12.3909, 11.5547,
11.1612

■ 15.7250, 16.4333,
17.7897

■ 11.0610, 9.6086,
8.5172

■ 17.7475, 19.3927,
21.8106

■ 9.9425, 7.9719,
6.2936

■ 20.0184, 22.7155,
26.3254

■ 9.0245, 6.6287,
4.4688

■ 22.5456, 26.4134,
31.3499

■ 8.2953, 5.5616,
3.0192

■ 25.3369, 30.4976,
36.8995

■ 7.7417, 4.7515,
1.9188

■ 28.3996, 34.9790,
42.9887

■ 7.3489, 4.1767,
1.1381

■ 31.7408, 39.8678,
49.6315

■ 7.0998, 3.8121,
0.6430

■ 35.3672, 45.1740,
56.8416

■ 6.9397, 3.5779,
0.3248

■ 39.2854, 50.9071,
64.6319

Harmonies

Analogous

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



13.9818, 13.8244, 15.4710



13.9421, 13.8244, 14.2455



13.6848, 13.8244, 13.2881

Triad

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



13.9421, 13.8244, 14.2455



12.5083, 13.8244, 13.5642



12.9954, 13.8244, 17.5400

Complementary

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



13.9421, 13.8244, 14.2455



14.4213, 16.0159, 18.2510

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.



12.6092, 13.8244, 16.9664



13.9421, 13.8244, 14.2455



12.3321, 13.8244, 14.6415

Square

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



13.9421, 13.8244, 14.2455



12.8548, 13.8244, 12.9101



12.3686, 13.8244, 15.8893



13.4287, 13.8244, 17.4195

Rectangle

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



13.9421, 13.8244, 14.2455



13.4276, 13.8244, 12.9091



12.3686, 13.8244, 15.8893



12.8559, 13.8244, 17.4208

Sweetspot

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



13.9425, 13.8250, 14.2458



27.0800, 28.0683, 30.1613



14.6306, 14.0999, 17.8702



6.2100, 6.4142, 6.8707



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.9425, 13.8250, 14.2458



23.6530, 23.0538, 23.3482



14.5986, 15.1371, 14.4645



3.3845, 3.4016, 3.5515



7.7252, 3.9828, 0.3616



38.4818, 19.8388, 1.8010

Inverse Universe

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



14.4213, 16.0159, 18.2510



24.6924, 27.8092, 32.0418



13.7143, 14.6018, 18.0153



3.4749, 3.8151, 4.3075



10.0770, 14.7444, 20.0364



50.1975, 73.4468, 99.8101

Previews

White Background



This preview shows how the XYZ color 13.9421, 13.8244, 14.2455 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 13.9421, 13.8244, 14.2455 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 13.9421, 13.8244, 14.2455

Background



This preview shows how black text looks on a background with the XYZ color 13.9421, 13.8244, 14.2455.



This preview shows how white text looks on a background with the XYZ color 13.9421, 13.8244,

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

13.9421, 13.8244, 14.2455

Protanopia

13.2924, 13.9241, 14.5574

Deuteranopia

14.0729, 13.8918, 14.2516



Tritanopia

14.3342, 13.8419, 16.1036

Trichromacy



Original Color

13.9421, 13.8244, 14.2455

Protanomaly

13.5552, 13.9110, 14.5410

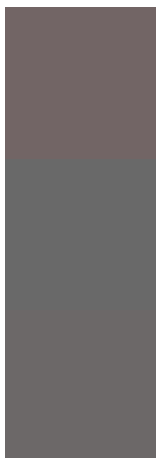
Deuteranomaly

14.0729, 13.8918, 14.2516

Tritanomaly

14.1772, 13.7791, 15.2770

Monochromacy



Original Color

13.9421, 13.8244, 14.2455

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.6333, 14.0883, 15.0975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9421, 13.8244, 14.2455 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(114, 101, 101)` looks like.

```
.text, #text, p{  
    color:rgb(114, 101, 101)  
}
```

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(114, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 101, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.9421, 13.8244, 14.2455 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(114, 101, 101) }
```


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

```
.border{ border-color:rgb(114, 101, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 101, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 101, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 101, 101);  
box-shadow:4px 4px 4px 4px rgb(114, 101,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9421, 13.8244, 14.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 101, 101) }
```

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

```
.background{ background-color: rgb(114,  
101, 101) }
```

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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