

Converting Colors

XYZ(14.2536, 15.9155, 9.0532)

Have a look what the booklet for
XYZ(14.2536, 15.9155, 9.0532)
contains.

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Color

**XYZ(14.2454, 15.9631,
8.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	73714B
RGB	115, 113, 75
RGB Percent	45%, 44%, 29%
CMY	0.5490, 0.5569, 0.7059
CMYK	0.00, 0.02, 0.35, 0.55
HSL	57°, 21%, 37%
HSV	57°, 35%, 45%
XYZ	14.2454, 15.9631, 8.9870
YIQ	109.2660, 13.3900, -11.3940

Conversions

Conversions Part 2

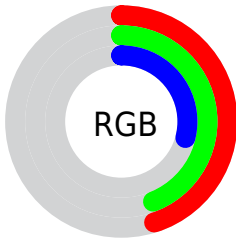
Format	Color
R_YB	77, 115, 75
Decimal	7565643
CIE Lab	46.93, -5.64, 21.41
CIE LCh	47, 22.144, 104.757
Yxy	15.9631, 0.3634, 0.4073
Android (android.graphics.Color)	4285755723 (0xFF73714B)
YUV	109.2660, -16.8931, 5.0287
Hunter-Lab	39.9538, -6.2757, 14.6313

Details

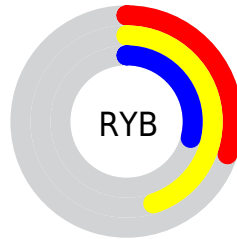
The XYZ color **14.2454, 15.9631, 8.9870** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6501, 8.0413, 17.3160**, and the grayscale version is **14.6556, 15.4188, 16.7911**.

A 20% lighter version of the original color is **33.2417, 36.6903, 24.3987**, and **4.3714, 5.0326, 1.9693** is the 20% darker color. If you saturate the color by 10%, you get **13.8232, 15.6926, 7.0768**, and if you desaturate by 10%, it is **14.7400, 16.2644, 11.2728**.

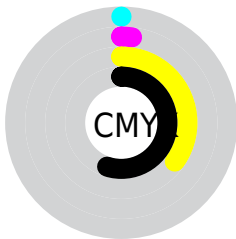
Distribution



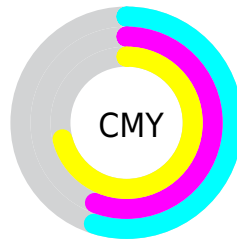
- Red (45%)
- Green (44%)
- Blue (29%)



- Red (30%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2454, 15.9631, 8.9870 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 14.2454, 15.9631, 8.9870 by changing the saturation by 10% instead.

■ 14.2454, 15.9631,
8.9870

■ 14.2454, 15.9631,
8.9870

212.2324,
229.1239, 193.4954

■ 8.3744, 9.4980,
4.6360

■ 33.1065, 36.5341,
24.4492

■ 4.3892, 5.0674,
1.9803

■ 46.8272, 51.4089,
36.3974

■ 1.9246, 2.2869,
0.5432

■ 63.8953, 69.8557,
51.7152

■ 0.5911, 0.7668,
0.0000

■ 84.6760, 92.2589,
70.8210

■ 0.0000, 0.0000,
0.0000

■ 109.5347,
119.0029, 94.1334

138.8367,

150.4722, 122.0709

172.9475,
187.0510, 155.0520

■ 14.2454, 15.9631,
8.9870

■ 14.2454, 15.9631,
8.9870

■ 13.8232, 15.6926,
7.0768

■ 14.7400, 16.2644,
11.2728

■ 13.4683, 15.4491,
5.5211

■ 15.3094, 16.5956,
13.9520

■ 13.1769, 15.2316,
4.2980

■ 15.9572, 16.9589,
17.0423

■ 12.9445, 15.0384,
3.3829

■ 16.6866, 17.3554,
20.5601

■ 12.7656, 14.8672,
2.7479

■ 17.5005, 17.7864,
24.5209

■ 12.6315, 14.7146,
2.3468

■ 18.4017, 18.2530,
28.9395

■ 12.5665, 14.6372,
2.1629

■ 19.3929, 18.7562,
33.8299

■ 20.4766, 19.2971,
39.2055

■ 21.6553, 19.8767,
45.0793

Harmonies

Analogous

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



16.1706, 15.9631, 9.0020



14.2454, 15.9631, 8.9870



12.7034, 15.9631, 10.8661

Triad

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



14.2454, 15.9631, 8.9870



12.6836, 15.9631, 26.0033



19.0477, 15.9631, 20.3321

Complementary

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



14.2454, 15.9631, 8.9870



8.6501, 8.0413, 17.3160

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.



17.9423, 15.9631, 26.0868



14.2454, 15.9631, 8.9870



14.2162, 15.9631, 29.8044

Square

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



14.2454, 15.9631, 8.9870



11.8551, 15.9631, 20.2355



16.1389, 15.9631, 29.8379



19.0572, 15.9631, 14.8086

Rectangle

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



14.2454, 15.9631, 8.9870



12.0532, 15.9631, 13.2260



16.1389, 15.9631, 29.8379



18.7881, 15.9631, 22.3263

Sweetspot

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



14.2458, 15.9638, 8.9873



27.9207, 30.0042, 27.3913



10.9261, 9.2130, 8.2238



6.6304, 7.1408, 6.3895



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.



14.2458, 15.9638, 8.9873



24.8712, 28.1784, 13.2010



12.3307, 15.3110, 8.9623



3.9517, 4.2365, 3.9517



14.3614, 16.7241, 2.4711



69.7948, 81.1181, 11.9788

Inverse Universe

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



8.6501, 8.0413, 17.3160



13.1876, 11.6381, 30.5958



10.1250, 8.5973, 17.3456



3.5139, 3.6165, 4.6031



3.6040, 1.5478, 18.6514



17.3770, 7.1706, 90.8285

Previews

White Background



This preview shows how the XYZ color 14.2454, 15.9631, 8.9870 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 14.2454, 15.9631, 8.9870 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 14.2454, 15.9631, 8.9870

Background



This preview shows how black text looks on a background with the XYZ color 14.2454, 15.9631, 8.9870.



This preview shows how white text looks on a background with the XYZ color 14.2454, 15.9631,

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

14.2454, 15.9631, 8.9870

Protanopia

14.8056, 15.9282, 8.7727

Deuteranopia

16.1314, 15.8164, 9.0401



Tritanopia

16.2607, 15.9791, 18.7503

Trichromacy



Original Color

14.2454, 15.9631, 8.9870

Protanomaly

14.6380, 16.0047, 8.7963

Deuteranomaly

15.3773, 15.8947, 9.0950

Tritanomaly

15.3961, 15.9430, 14.5778

Monochromacy



Original Color

14.2454, 15.9631, 8.9870

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.2891, 15.3944, 13.5276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2454, 15.9631, 8.9870 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(115, 113, 75)` looks like.

```
.text, #text, p{  
    color:rgb(115, 113, 75)  
}
```

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(115, 113, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 113, 75) }
```

Border

The CSS property to change the border of an element to XYZ 14.2454, 15.9631, 8.9870 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(115, 113, 75) }
```


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

```
.border{ border-color:rgb(115, 113, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 113, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 113, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 113, 75);  
box-shadow:4px 4px 4px 4px rgb(115, 113,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2454, 15.9631, 8.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 113, 75) }
```

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

```
.background{ background-color: rgb(115,  
113, 75) }
```

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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