

Converting Colors

XYZ(14.2025, 13.5167, 14.9571)

Have a look what the booklet for
XYZ(14.2025, 13.5167, 14.9571)
contains.

XYZ(14.2025, 13.5167, 14.9571)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.2025, 13.5167,
14.9571)**

Conversions

Conversions Part 1

Format	Color
Hex	756268
RGB	117, 98, 104
RGB Percent	46%, 38%, 41%
CMY	0.5412, 0.6157, 0.5922
CMYK	0.00, 0.16, 0.11, 0.54
HSL	341°, 9%, 42%
HSV	341°, 16%, 46%
XYZ	14.2025, 13.5167, 14.9571
YIQ	104.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

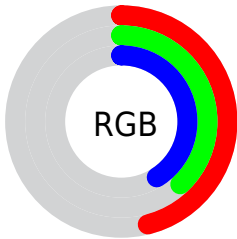
Format	Color
R _{YB}	117, 98, 104
Decimal	7692904
CIE Lab	43.53, 8.72, -0.55
CIE LCh	44, 8.741, 356.364
Yxy	13.5167, 0.3328, 0.3167
Android (android.graphics.Color)	4285882984 (0xFF756268)
YUV	104.3650, -0.1799, 11.0809
Hunter-Lab	36.7651, 4.6164, 1.6146

Details

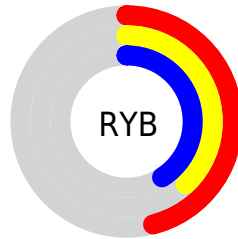
The XYZ color **14.2025, 13.5167, 14.9571** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2681, 16.4674, 17.4663**, and the grayscale version is **13.2549, 13.9452, 15.1864**.

A 20% lighter version of the original color is **33.0260, 32.2965, 35.5035**, and **4.4208, 4.0166, 4.4132** is the 20% darker color. If you saturate the color by 10%, you get **12.7993, 11.3304, 12.5774**, and if you desaturate by 10%, it is **15.8051, 16.0398, 17.5942**.

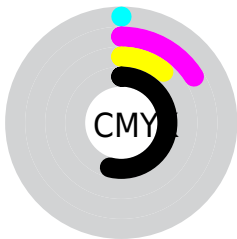
Distribution



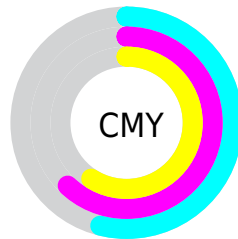
- Red (46%)
- Green (38%)
- Blue (41%)



- Red (46%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2025, 13.5167, 14.9571 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 14.2025, 13.5167, 14.9571 by changing the saturation by 10% instead.

■ 14.2025, 13.5167,
14.9571

■ 14.2025, 13.5167,
14.9571

211.9725,
214.2031, 234.7382

■ 8.3443, 7.7853,
8.6430

■ 33.0312, 32.2290,
35.5191

■ 4.3697, 3.9579,
4.4154

■ 46.7323, 45.9787,
50.6042

■ 1.9133, 1.6500,
1.8559

■ 63.7786, 63.1699,
69.4499

■ 0.5846, 0.3910,
0.4645

■ 84.5351, 84.1871,
92.4749

■ 0.0000, 0.0000,
0.0000

109.3675,
109.4146, 120.0977

138.6409,

139.2368, 152.7368

172.7208,
174.0382, 190.8108

■ 14.2025, 13.5167,
14.9571

■ 14.2025, 13.5167,
14.9571

■ 12.7993, 11.3304,
12.5774

■ 15.8051, 16.0398,
17.5942

■ 11.5864, 9.4647,
10.4462

■ 17.6136, 18.9112,
20.4953

■ 10.5556, 7.9051,
8.5554

■ 19.6354, 22.1442,
23.6681

■ 9.6978, 6.6349,
6.8963

■ 21.8773, 25.7509,
27.1194

■ 9.0029, 5.6360,
5.4593

■ 24.3458, 29.7427,
30.8560

■ 8.4597, 4.8883,
4.2343

■ 27.0470, 34.1305,
34.8844

■ 8.0557, 4.3686,
3.2103

■ 29.9870, 38.9250,
39.2107

■ 7.7662, 4.0304,
2.3717

■ 33.1715, 44.1363,
43.8412

■ 7.6692, 3.9152,
2.0967

■ 36.6060, 49.7741,
48.7816

Harmonies

Analogous

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



13.9716, 13.5167, 16.8999



14.2025, 13.5167, 14.9571



14.0598, 13.5167, 13.1100

Triad

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



14.2025, 13.5167, 14.9571



12.2730, 13.5167, 11.5990



12.1336, 13.5167, 18.0751

Complementary

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



14.2025, 13.5167, 14.9571



14.2681, 16.4674, 17.4663

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.



11.7064, 13.5167, 16.4511



14.2025, 13.5167, 14.9571



11.7849, 13.5167, 12.7314

Square

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



14.2025, 13.5167, 14.9571



12.9306, 13.5167, 11.2748



11.5810, 13.5167, 14.4803



12.7641, 13.5167, 18.7978

Rectangle

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



14.2025, 13.5167, 14.9571



13.7747, 13.5167, 12.1604



11.5810, 13.5167, 14.4803



11.9624, 13.5167, 17.6098

Sweetspot

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



14.2029, 13.5173, 14.9574



28.6426, 29.2609, 32.0579



14.1325, 13.3987, 18.6713



6.5465, 6.6660, 7.3076



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.



14.2029, 13.5173, 14.9574



24.5768, 22.8665, 25.3477



14.2419, 14.0658, 13.5202



3.7272, 3.7182, 4.0902



8.4431, 4.3110, 2.2757



40.7960, 20.8685, 9.2553

Inverse Universe

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



14.2029, 13.5173, 14.9574



24.5768, 22.8665, 25.3477



14.2113, 15.8073, 19.1320



3.7272, 3.7182, 4.0902



8.4431, 4.3110, 2.2757



40.7960, 20.8685, 9.2553

Previews

White Background



This preview shows how the XYZ color 14.2025, 13.5167, 14.9571 looks on a white background.

Color Contrast Check

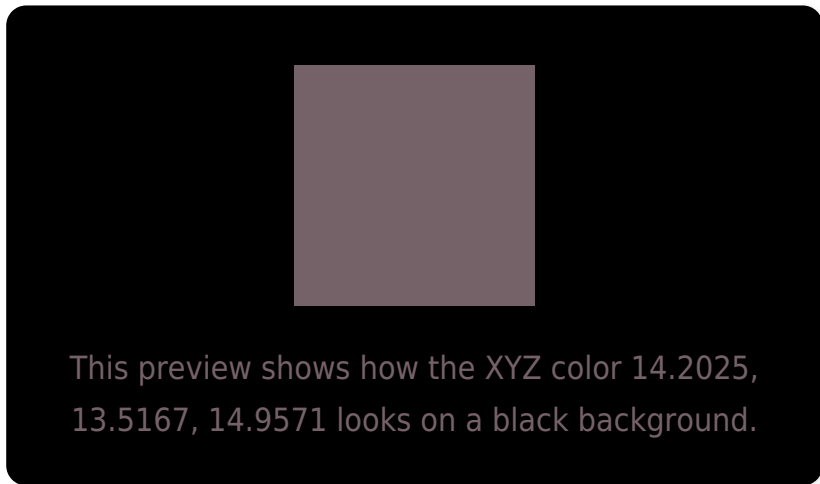
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.2025, 13.5167, 14.9571

Background



This preview shows how black text looks on a background with the XYZ color 14.2025, 13.5167, 14.9571.



This preview shows how white text looks on a background with the XYZ color 14.2025, 13.5167,

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

14.2025, 13.5167, 14.9571

Protanopia

13.1141, 13.5073, 15.8259

Deuteranopia

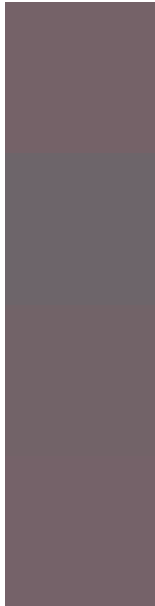
13.8659, 13.6245, 14.9957



Tritanopia

14.2536, 13.5372, 15.2263

Trichromacy



Original Color

14.2025, 13.5167, 14.9571

Protanomaly

13.5619, 13.5992, 15.5458

Deuteranomaly

13.9000, 13.5006, 14.9700

Tritanomaly

14.2536, 13.5372, 15.2263

Monochromacy



Original Color

14.2025, 13.5167, 14.9571

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5567, 13.7534, 15.0369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2025, 13.5167, 14.9571 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, 98, 104)` looks like.

```
.text, #text, p{  
    color:rgb(117, 98, 104)  
}
```

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, 98, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 98, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.2025, 13.5167, 14.9571 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, 98, 104) }
```


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

```
.border{ border-color:rgb(117, 98, 104) }
```

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

Here you see how a box with a 4 pixel rgb(117, 98, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 98, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 98, 104);  
box-shadow:4px 4px 4px 4px rgb(117, 98,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2025, 13.5167, 14.9571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 98, 104) }
```

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

```
.background{ background-color: rgb(117, 98,  
104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor