

Converting Colors

XYZ(14.4559, 15.3787, 12.9784)

Have a look what the booklet for
XYZ(14.4559, 15.3787, 12.9784)
contains.

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Color

**XYZ(14.4736, 15.3409,
13.0247)**

Conversions

Conversions Part 1

Format	Color
Hex	726D5F
RGB	114, 109, 95
RGB Percent	45%, 43%, 37%
CMY	0.5529, 0.5725, 0.6274
CMYK	0.00, 0.04, 0.17, 0.55
HSL	44°, 9%, 41%
HSV	44°, 17%, 45%
XYZ	14.4736, 15.3409, 13.0247
YIQ	108.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

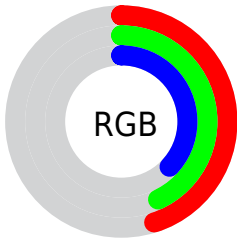
Format	Color
R_{YB}	102, 114, 95
Decimal	7499103
CIE Lab	46.10, -0.66, 8.52
CIE LCh	46, 8.546, 94.424
Yxy	15.3409, 0.3379, 0.3581
Android (android.graphics.Color)	4285689183 (0xFF726D5F)
YUV	108.8990, -6.8522, 4.4736
Hunter-Lab	39.1675, -2.5817, 7.7010

Details

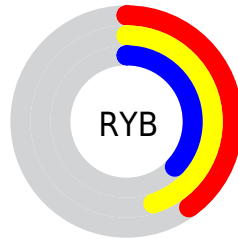
The XYZ color **14.4736, 15.3409, 13.0247** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3137, 12.7618, 17.7339**, and the grayscale version is **14.5248, 15.2813, 16.6413**.

A 20% lighter version of the original color is **33.4075, 35.2929, 31.8395**, and **4.5238, 4.8253, 3.5987** is the 20% darker color. If you saturate the color by 10%, you get **13.6786, 14.5203, 10.3875**, and if you desaturate by 10%, it is **15.3562, 16.2150, 16.0657**.

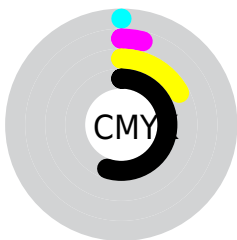
Distribution



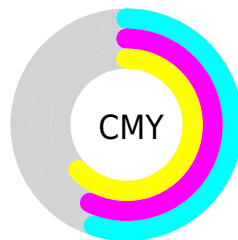
- Red (45%)
- Green (43%)
- Blue (37%)



- Red (40%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4736, 15.3409, 13.0247 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 14.4736, 15.3409, 13.0247 by changing the saturation by 10% instead.

■ 14.4736, 15.3409,
13.0247

■ 14.4736, 15.3409,
13.0247

213.6097,
225.4204, 222.2893

■ 8.5347, 9.0590,
7.3146

■ 33.5063, 35.4501,
32.0400

■ 4.4936, 4.7797,
3.5782

■ 47.3309, 50.0462,
46.1823

■ 1.9850, 2.1186,
1.3969

■ 64.5146, 68.1825,
63.9724

■ 0.6255, 0.6750,
0.1393

■ 85.4230, 90.2433,
85.8289

■ 0.0000, 0.0000,
0.0000

110.4214,
116.6132, 112.1703

139.8750,

147.6764, 143.4151

174.1493,
183.8173, 179.9819

■ 14.4736, 15.3409,
13.0247

■ 14.4736, 15.3409,
13.0247

■ 13.6786, 14.5203,
10.3875

■ 15.3562, 16.2150,
16.0657

■ 12.9666, 13.7497,
8.1358

■ 16.3284, 17.1421,
19.5257

■ 12.3343, 13.0280,
6.2514

■ 17.3935, 18.1242,
23.4205

■ 11.7779, 12.3537,
4.7140

■ 18.5545, 19.1626,
27.7647

■ 11.2930, 11.7247,
3.5017

■ 19.8141, 20.2585,
32.5721

■ 10.8749, 11.1390,
2.5897

■ 21.1748, 21.4132,
37.8561

■ 10.5180, 10.5943,
1.9500

■ 22.6393, 22.6279,
43.6294

■ 10.2100, 10.0852,
1.5177

■ 24.2100, 23.9036,
49.9043

■ 10.1110, 9.9206,
1.3820

■ 25.8891, 25.2414,
56.6927

Harmonies

Analogous

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



15.1923, 15.3409, 13.3493



14.4736, 15.3409, 13.0247



13.8057, 15.3409, 13.6168

Triad

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



14.4736, 15.3409, 13.0247



13.4591, 15.3409, 19.0683



15.8775, 15.3409, 18.4906

Complementary

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



14.4736, 15.3409, 13.0247



12.3137, 12.7618, 17.7339

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.



15.3849, 15.3409, 20.2250



14.4736, 15.3409, 13.0247



13.9864, 15.3409, 20.5775

Square

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



14.4736, 15.3409, 13.0247



13.2325, 15.3409, 17.0141



14.6891, 15.3409, 21.0173



16.0183, 15.3409, 16.3970

Rectangle

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



14.4736, 15.3409, 13.0247



13.4744, 15.3409, 14.4830



14.6891, 15.3409, 21.0173



15.7467, 15.3409, 19.1404

Sweetspot

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



14.4740, 15.3416, 13.0250



27.2376, 28.7389, 29.1182



13.3352, 12.6834, 13.8190



6.2787, 6.6266, 6.6622



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.



14.4740, 15.3416, 13.0250



24.8793, 26.3934, 21.0226



14.4596, 16.1482, 13.1815



3.5713, 3.7750, 3.6138



11.2416, 11.0157, 1.5337



55.2692, 53.4137, 7.3969

Inverse Universe

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



12.3137, 12.7618, 17.7339



20.3258, 20.9563, 30.9492



12.3227, 12.0766, 17.6012



3.2824, 3.4300, 4.2433



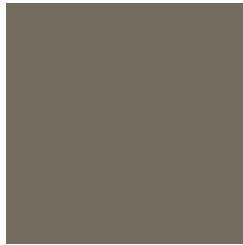
3.8848, 2.3599, 17.9724



18.7362, 10.5242, 89.3230

Previews

White Background



This preview shows how the XYZ color 14.4736, 15.3409, 13.0247 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 14.4736, 15.3409, 13.0247 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

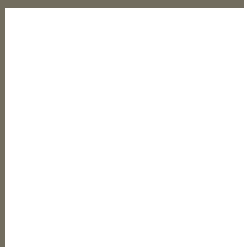
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4736, 15.3409, 13.0247

Background



This preview shows how black text looks on a background with the XYZ color 14.4736, 15.3409, 13.0247.



This preview shows how white text looks on a background with the XYZ color 14.4736, 15.3409,

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

14.4736, 15.3409, 13.0247

Protanopia

14.4736, 15.3409, 13.0247

Deuteranopia

15.6203, 15.3077, 13.1977



Tritanopia

15.5847, 15.3278, 18.3568

Trichromacy



Original Color

14.4736, 15.3409, 13.0247

Protanomaly

14.4736, 15.3409, 13.0247

Deuteranomaly

15.1505, 15.2175, 13.2051

Tritanomaly

15.1669, 15.3111, 16.3433

Monochromacy



Original Color

14.4736, 15.3409, 13.0247

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5229, 15.3163, 15.2876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4736, 15.3409, 13.0247 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, 109, 95)` looks like.

```
.text, #text, p{  
    color:rgb(114, 109, 95)  
}
```

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, 109, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 109, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.4736, 15.3409, 13.0247 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, 109, 95) }
```


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

```
.border{ border-color:rgb(114, 109, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 109, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 109, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 109, 95);  
box-shadow:4px 4px 4px 4px rgb(114, 109,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4736, 15.3409, 13.0247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 109, 95) }
```

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

```
.background{ background-color: rgb(114,  
109, 95) }
```

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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