

Converting Colors

XYZ(14.5151, 15.3722, 12.5608)

Have a look what the booklet for
XYZ(14.5151, 15.3722, 12.5608)
contains.

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Color

**XYZ(14.5147, 15.3724,
12.5581)**

Conversions

Conversions Part 1

Format	Color
Hex	736D5D
RGB	115, 109, 93
RGB Percent	45%, 43%, 36%
CMY	0.5490, 0.5725, 0.6353
CMYK	0.00, 0.05, 0.19, 0.55
HSL	44°, 11%, 41%
HSV	44°, 19%, 45%
XYZ	14.5147, 15.3724, 12.5581
YIQ	108.9700, 8.7120, -3.7040

Conversions

Conversions Part 2

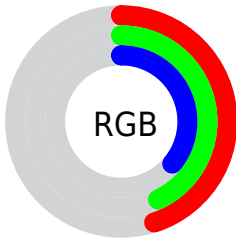
Format	Color
RYB	101, 115, 93
Decimal	7564637
CIELab	46.14, -0.59, 9.78
CIElCh	46, 9.802, 93.449
Yxy	15.3724, 0.3420, 0.3622
Android (android.graphics.Color)	4285754717 (0xFF736D5D)
YUV	108.9700, -7.8732, 5.2883
Hunter-Lab	39.2077, -2.5326, 8.4549

Details

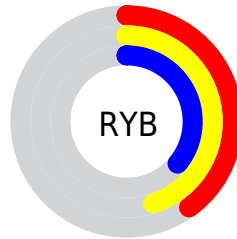
The XYZ color **14.5147, 15.3724, 12.5581** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0706, 12.4886, 17.9943**, and the grayscale version is **14.5475, 15.3051, 16.6673**.

A 20% lighter version of the original color is **33.4651, 35.3403, 31.0442**, and **4.5505, 4.8438, 3.3844** is the 20% darker color. If you saturate the color by 10%, you get **13.7148, 14.5272, 9.9646**, and if you desaturate by 10%, it is **15.4040, 16.2735, 15.5598**.

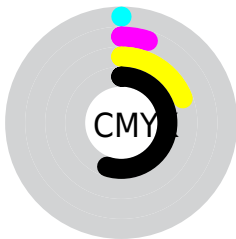
Distribution



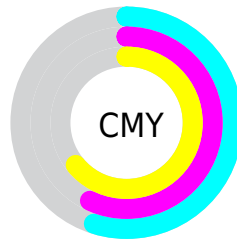
- Red (45%)
- Green (43%)
- Blue (36%)



- Red (40%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (55%)



- Cyan (55%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5147, 15.3724, 12.5581 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 14.5147, 15.3724, 12.5581 by changing the saturation by 10% instead.

■ 14.5147, 15.3724,
12.5581

■ 14.5147, 15.3724,
12.5581

213.8569,
225.6093, 219.1733

■ 8.5636, 9.0812,
6.9978

■ 33.5782, 35.5052,
31.1870

■ 4.5125, 4.7942,
3.3823

■ 47.4214, 50.1155,
45.0928

■ 1.9959, 2.1270,
1.2930

■ 64.6259, 68.2676,
62.6174

■ 0.6317, 0.6797,
0.0561

■ 85.5572, 90.3460,
84.1795

■ 0.0000, 0.0000,
0.0000

110.5806,
116.7349, 110.1976

140.0614,

147.8189, 141.0903

174.3650,
183.9822, 177.2760

■ 14.5147, 15.3724,
12.5581

■ 14.5147, 15.3724,
12.5581

■ 13.7148, 14.5272,
9.9646

■ 15.4040, 16.2735,
15.5598

■ 12.9995, 13.7343,
7.7603

■ 16.3848, 17.2299,
18.9855

■ 12.3654, 12.9926,
5.9262

■ 17.4606, 18.2438,
22.8515

■ 11.8085, 12.3002,
4.4412

■ 18.6344, 19.3165,
27.1729

■ 11.3242, 11.6552,
3.2822

■ 19.9090, 20.4495,
31.9641

■ 10.9074, 11.0552,
2.4232

■ 21.2872, 21.6439,
37.2389

■ 10.5524, 10.4979,
1.8342

■ 22.7716, 22.9010,
43.0103

■ 10.2399, 9.9751,
1.4144

■ 24.3646, 24.2219,
49.2910

■ 10.2133, 9.9307,
1.3785

■ 26.0687, 25.6078,
56.0934

Harmonies

Analogous

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



15.3398, 15.3724, 12.9554



14.5147, 15.3724, 12.5581



13.7445, 15.3724, 13.1898

Triad

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



14.5147, 15.3724, 12.5581



13.3130, 15.3724, 19.4001



16.0935, 15.3724, 18.8766

Complementary

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



14.5147, 15.3724, 12.5581



12.0706, 12.4886, 17.9943

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.



15.5132, 15.3724, 20.8713



14.5147, 15.3724, 12.5581



13.9056, 15.3724, 21.1932

Square

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



14.5147, 15.3724, 12.5581



13.0675, 15.3724, 17.0159



14.7077, 15.3724, 21.7554



16.2715, 15.3724, 16.4630

Rectangle

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



14.5147, 15.3724, 12.5581



13.3598, 15.3724, 14.1483



14.7077, 15.3724, 21.7554



15.9379, 15.3724, 19.6257

Sweetspot

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



14.5151, 15.3731, 12.5584



28.0881, 29.6388, 29.6051



13.2481, 12.3791, 13.5544



6.6812, 7.0514, 6.9946



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.



14.5151, 15.3731, 12.5584



25.3313, 26.8385, 20.3215



14.5663, 16.3821, 12.7505



3.8863, 4.1055, 3.9299



11.6575, 11.3162, 1.5698



56.0684, 53.6653, 7.4033

Inverse Universe

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



12.0706, 12.4886, 17.9943



20.0927, 20.6575, 31.9728



12.0210, 11.6505, 17.8351



3.5744, 3.7374, 4.6232



4.0919, 2.5236, 18.8140



19.3149, 11.0464, 91.4745

Previews

White Background



This preview shows how the XYZ color 14.5147, 15.3724, 12.5581 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 14.5147, 15.3724, 12.5581 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 14.5147, 15.3724, 12.5581

Background



This preview shows how black text looks on a background with the XYZ color 14.5147, 15.3724, 12.5581.



This preview shows how white text looks on a background with the XYZ color 14.5147, 15.3724,

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

14.5147, 15.3724, 12.5581

Protanopia

14.5147, 15.3724, 12.5581

Deuteranopia

15.5294, 15.2713, 12.7188



Tritanopia

15.6625, 15.3745, 18.0617

Trichromacy



Original Color

14.5147, 15.3724, 12.5581

Protanomaly

14.5147, 15.3724, 12.5581

Deuteranomaly

15.0596, 15.1812, 12.7262

Tritanomaly

15.1953, 15.3379, 15.7953

Monochromacy



Original Color

14.5147, 15.3724, 12.5581

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.4724, 15.2961, 15.0216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5147, 15.3724, 12.5581 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, 109, 93)` looks like.

```
.text, #text, p{  
    color:rgb(115, 109, 93)  
}
```

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, 109, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 109, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.5147, 15.3724, 12.5581 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, 109, 93) }
```


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

```
.border{ border-color:rgb(115, 109, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 109, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 109, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 109, 93);  
box-shadow:4px 4px 4px 4px rgb(115, 109,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5147, 15.3724, 12.5581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 109, 93) }
```

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

```
.background{ background-color: rgb(115,  
109, 93) }
```

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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