

Converting Colors

XYZ(13.4673, 12.6132, 15.4849)

Have a look what the booklet for
XYZ(13.4673, 12.6132, 15.4849)
contains.

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Color

**XYZ(13.4143, 12.5567,
15.3524)**

Conversions

Conversions Part 1

Format	Color
Hex	715E6A
RGB	113, 94, 106
RGB Percent	44%, 37%, 42%
CMY	0.5569, 0.6314, 0.5843
CMYK	0.00, 0.17, 0.06, 0.56
HSL	322°, 9%, 41%
HSV	322°, 17%, 44%
XYZ	13.4143, 12.5567, 15.3524
YIQ	101.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

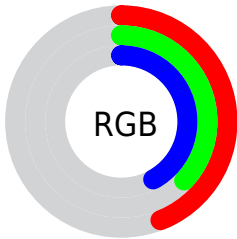
Format	Color
R_{YB}	113, 94, 106
Decimal	7429738
CIE Lab	42.09, 9.95, -3.95
CIE LCh	42, 10.700, 338.363
Yxy	12.5567, 0.3246, 0.3039
Android (android.graphics.Color)	4285619818 (0xFF715E6A)
YUV	101.0490, 2.4408, 10.4810
Hunter-Lab	35.4354, 5.5603, -0.8826

Details

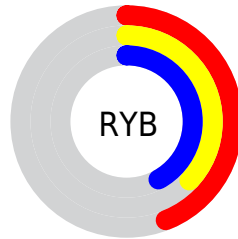
The XYZ color **13.4143, 12.5567, 15.3524** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8707, 15.1299, 14.5546**, and the grayscale version is **12.3751, 13.0196, 14.1783**.

A 20% lighter version of the original color is **31.5761, 30.3802, 36.0980**, and **4.0263, 3.5535, 4.6114** is the 20% darker color. If you saturate the color by 10%, you get **12.2709, 10.6079, 13.9289**, and if you desaturate by 10%, it is **14.7161, 14.8051, 16.8809**.

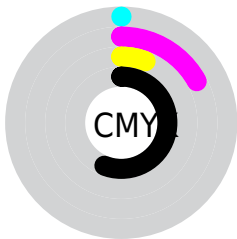
Distribution



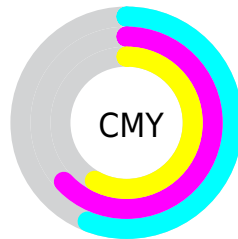
- Red (44%)
- Green (37%)
- Blue (42%)



- Red (44%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4143, 12.5567, 15.3524 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 13.4143, 12.5567, 15.3524 by changing the saturation by 10% instead.

■ 13.4143, 12.5567,
15.3524

■ 13.4143, 12.5567,
15.3524

207.1404,
208.0567, 237.2032

■ 7.7934, 7.1240,
8.9177

■ 31.6411, 30.5050,
36.2212

■ 4.0137, 3.5398,
4.5915

■ 44.9778, 43.7895,
51.4925

■ 1.7099, 1.4196,
1.9551

■ 61.6171, 60.4600,
70.5463

■ 0.4625, 0.2311,
0.5275

■ 81.9243, 80.9009,
93.8012

■ 0.0000, 0.0000,
0.0000

106.2650,
105.4966, 121.6759

135.0043,

134.6316, 154.5887

168.5077,
168.6902, 192.9583

■ 13.4143, 12.5567,
15.3524

■ 13.4143, 12.5567,
15.3524

■ 12.2709, 10.6079,
13.9289

■ 14.7161, 14.8051,
16.8809

■ 11.2783, 8.9443,
12.6066

■ 16.1812, 17.3634,
18.5163

■ 10.4299, 7.5526,
11.3829

■ 17.8160, 20.2435,
20.2615

■ 9.7180, 6.4180,
10.2543

■ 19.6258, 23.4563,
22.1190

■ 9.1344, 5.5242,
9.2173

■ 21.6159, 27.0119,
24.0914

8.6700, 4.8529,
8.2681

23.7914, 30.9203,
26.1807

8.3141, 4.3834,
7.4024

26.1570, 35.1909,
28.3895

8.0417, 4.0659,
6.6109

28.7174, 39.8327,
30.7198

7.9593, 3.9704,
6.3697

31.4771, 44.8545,
33.1737

Harmonies

Analogous

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



12.9098, 12.5567, 17.4040



13.4143, 12.5567, 15.3524



13.5135, 12.5567, 13.0446

Triad

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



13.4143, 12.5567, 15.3524



11.7136, 12.5567, 9.7787



10.7748, 12.5567, 16.5761

Complementary

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



13.4143, 12.5567, 15.3524



12.8707, 15.1299, 14.5546

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.



10.4840, 12.5567, 14.3194



13.4143, 12.5567, 15.3524



11.0101, 12.5567, 10.5159

Square

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



13.4143, 12.5567, 15.3524



12.5079, 12.5567, 9.9899



10.5682, 12.5567, 12.1191



11.3794, 12.5567, 18.1633

Rectangle

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



13.4143, 12.5567, 15.3524



13.3325, 12.5567, 11.6942



10.5682, 12.5567, 12.1191



10.6383, 12.5567, 15.8613

Sweetspot

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



13.4147, 12.5573, 15.3527



26.7711, 27.2404, 30.7059



12.3469, 11.9630, 17.2814



6.1600, 6.2455, 7.0658



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.



13.4147, 12.5573, 15.3527



23.2263, 21.1251, 26.5207



12.9492, 12.3711, 12.9014



3.4648, 3.4336, 3.9742



9.0187, 4.4999, 7.1744



44.5001, 22.2454, 33.4953

Inverse Universe

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



13.4147, 12.5573, 15.3527



23.2263, 21.1251, 26.5207



13.3616, 15.3263, 17.1398



3.4648, 3.4336, 3.9742



9.0187, 4.4999, 7.1744



44.5001, 22.2454, 33.4953

Previews

White Background



This preview shows how the XYZ color 13.4143, 12.5567, 15.3524 looks on a white background.

Color Contrast Check

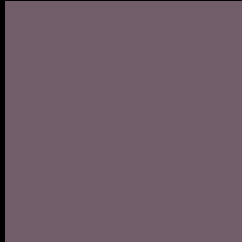
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4143, 12.5567, 15.3524 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 13.4143, 12.5567, 15.3524

Background



This preview shows how black text looks on a background with the XYZ color 13.4143, 12.5567, 15.3524.



This preview shows how white text looks on a background with the XYZ color 13.4143, 12.5567,

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

13.4143, 12.5567, 15.3524

Protanopia

12.2592, 12.6245, 16.2586

Deuteranopia

12.8201, 12.6542, 15.4025



Tritanopia

13.1726, 12.5885, 14.3059

Trichromacy



Original Color

13.4143, 12.5567, 15.3524

Protanomaly

12.5750, 12.5157, 15.9403

Deuteranomaly

13.0911, 12.6576, 15.3888

Tritanomaly

13.2225, 12.6084, 14.5687

Monochromacy



Original Color

13.4143, 12.5567, 15.3524

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.6416, 12.7179, 14.6205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4143, 12.5567, 15.3524 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(113, 94, 106)` looks like.

```
.text, #text, p{  
    color:rgb(113, 94, 106)  
}
```

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(113, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 94, 106) }
```

Border

The CSS property to change the border of an element to XYZ 13.4143, 12.5567, 15.3524 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(113, 94, 106) }
```


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

```
.border{ border-color:rgb(113, 94, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 94, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 94, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 94, 106); box-shadow:4px 4px 4px 4px rgb(113, 94, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4143, 12.5567, 15.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 94, 106) }
```

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

```
.background{ background-color: rgb(113, 94,  
106) }
```

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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