

Converting Colors

XYZ(14.3751, 14.4213, 10.6203)

Have a look what the booklet for
XYZ(14.3751, 14.4213, 10.6203)
contains.

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Color

**XYZ(14.3751, 14.4213,
10.6203)**

Conversions

Conversions Part 1

Format	Color
Hex	796755
RGB	121, 103, 85
RGB Percent	47%, 40%, 33%
CMY	0.5255, 0.5961, 0.6667
CMYK	0.00, 0.15, 0.30, 0.53
HSL	30°, 17%, 40%
HSV	30°, 30%, 47%
XYZ	14.3751, 14.4213, 10.6203
YIQ	106.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

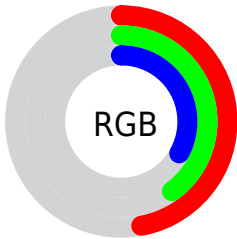
Format	Color
R_{YB}	121, 121, 85
Decimal	7956309
CIE Lab	44.83, 4.19, 12.82
CIE LCh	45, 13.486, 71.887
Yxy	14.4213, 0.3647, 0.3659
Android (android.graphics.Color)	4286146389 (0xFF796755)
YUV	106.3300, -10.5157, 12.8656
Hunter-Lab	37.9754, 1.1120, 10.0016

Details

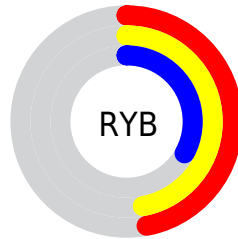
The XYZ color **14.3751, 14.4213, 10.6203** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0477, 13.0120, 19.9658**, and the grayscale version is **13.8153, 14.5348, 15.8284**.

A 20% lighter version of the original color is **33.3843, 33.8591, 27.6976**, and **4.4697, 4.3593, 2.6133** is the 20% darker color. If you saturate the color by 10%, you get **13.3549, 13.0856, 8.1080**, and if you desaturate by 10%, it is **15.5218, 15.8783, 13.5807**.

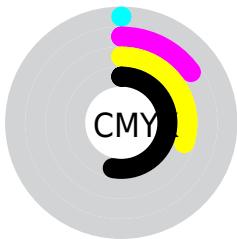
Distribution



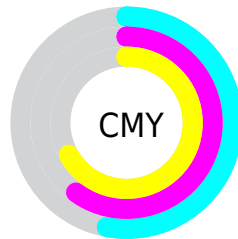
- Red (47%)
- Green (40%)
- Blue (33%)



- Red (47%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3751, 14.4213, 10.6203 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 14.3751, 14.4213, 10.6203 by changing the saturation by 10% instead.

■ 14.3751, 14.4213,
10.6203

■ 14.3751, 14.4213,
10.6203

213.0163,
219.8362, 205.6868

■ 8.4655, 8.4143,
5.7012

■ 33.3339, 33.8347,
27.5817

■ 4.4485, 4.3612,
2.5984

■ 47.1137, 48.0099,
40.4611

■ 1.9589, 1.8776,
0.8916

■ 64.2476, 65.6766,
56.8310

■ 0.6107, 0.5348,
0.0000

■ 85.1010, 87.2191,
77.1099

■ 0.0000, 0.0000,
0.0000

■ 110.0392,
113.0220, 101.7164

139.4276,

143.4695, 131.0690

173.6315,
178.9461, 165.5863

■ 14.3751, 14.4213,
10.6203

■ 14.3751, 14.4213,
10.6203

■ 13.3549, 13.0856,
8.1080

■ 15.5218, 15.8783,
13.5807

■ 12.4551, 11.8656,
6.0207

■ 16.7987, 17.4580,
17.0092

■ 11.6704, 10.7585,
4.3342

■ 18.2106, 19.1642,
20.9254

■ 10.9949, 9.7601,
3.0220

■ 19.7618, 21.0000,
25.3477

■ 10.4219, 8.8662,
2.0538

■ 21.4564, 22.9681,
30.2935

■ 9.9439, 8.0722,
1.3948

■ 23.2983, 25.0716,
35.7794

■ 9.5374, 7.3668,
0.9279

■ 25.2912, 27.3131,
41.8212

■ 9.5278, 7.3502,
0.9166

■ 27.4387, 29.6953,
48.4339

■ 29.7443, 32.2207,
55.6323

Harmonies

Analogous

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



15.3426, 14.4213, 11.9955



14.3751, 14.4213, 10.6203



13.2760, 14.4213, 10.4897

Triad

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



14.3751, 14.4213, 10.6203



11.7398, 14.4213, 16.9834



15.1681, 14.4213, 20.6570

Complementary

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



14.3751, 14.4213, 10.6203



12.0477, 13.0120, 19.9658

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.



14.1473, 14.4213, 22.4066



14.3751, 14.4213, 10.6203



12.1920, 14.4213, 20.1036

Square

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



14.3751, 14.4213, 10.6203



11.7935, 14.4213, 13.8935



13.0600, 14.4213, 22.1915



15.8170, 14.4213, 17.6617

Rectangle

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



14.3751, 14.4213, 10.6203



12.6199, 14.4213, 11.1004



13.0600, 14.4213, 22.1915



14.8549, 14.4213, 21.4273

Sweetspot

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



14.3755, 14.4220, 10.6206



30.2088, 31.4178, 30.8060



13.5820, 11.5414, 14.3440



6.8413, 7.1030, 6.8636



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.3755, 14.4220, 10.6206



24.4138, 24.0936, 15.7230



16.3623, 18.3957, 11.2829



4.1485, 4.3154, 4.2388



10.1992, 7.8543, 0.9785



47.7999, 35.7632, 4.3837

Inverse Universe

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



12.0477, 13.0120, 19.9658



19.5022, 21.1186, 35.4413



10.4462, 9.8090, 19.4320



3.9477, 4.1938, 5.0446



5.4466, 4.9756, 20.0586



25.1296, 22.0318, 95.3979

Previews

White Background



This preview shows how the XYZ color 14.3751, 14.4213, 10.6203 looks on a white background.

Color Contrast Check

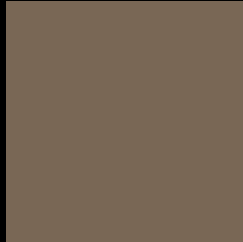
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3751, 14.4213, 10.6203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

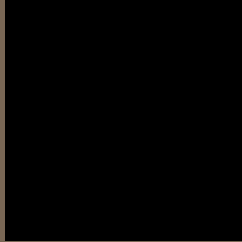
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3751, 14.4213, 10.6203

Background



This preview shows how black text looks on a background with the XYZ color 14.3751, 14.4213, 10.6203.



This preview shows how white text looks on a background with the XYZ color 14.3751, 14.4213,

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

14.3751, 14.4213, 10.6203

Protanopia

13.5158, 14.4247, 10.8760

Deuteranopia

14.7032, 14.4437, 10.6073



Tritanopia

15.5761, 14.4821, 16.1617

Trichromacy



Original Color

14.3751, 14.4213, 10.6203

Protanomaly

13.8015, 14.4199, 10.8600

Deuteranomaly

14.5594, 14.3696, 10.6006

Tritanomaly

15.1223, 14.4384, 14.0465

Monochromacy



Original Color

14.3751, 14.4213, 10.6203

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8117, 14.3645, 13.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3751, 14.4213, 10.6203 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(121, 103, 85)` looks like.

```
.text, #text, p{  
    color:rgb(121, 103, 85)  
}
```

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(121, 103, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 103, 85) }
```

Border

The CSS property to change the border of an element to XYZ 14.3751, 14.4213, 10.6203 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(121, 103, 85) }
```


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

```
.border{ border-color:rgb(121, 103, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 103, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 103, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 103, 85);  
box-shadow:4px 4px 4px 4px rgb(121, 103,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3751, 14.4213, 10.6203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 103, 85) }
```

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

```
.background{ background-color: rgb(121,  
103, 85) }
```

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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