

Converting Colors

XYZ(14.3518, 16.2133, 13.2359)

Have a look what the booklet for
XYZ(14.3518, 16.2133, 13.2359)
contains.

XYZ(14.3806, 16.2758, 13.2101)	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(14.3806, 16.2758,
13.2101)**

Conversions

Conversions Part 1

Format	Color
Hex	6C735F
RGB	108, 115, 95
RGB Percent	42%, 45%, 37%
CMY	0.5765, 0.5490, 0.6274
CMYK	0.06, 0.00, 0.17, 0.55
HSL	81°, 10%, 41%
HSV	81°, 17%, 45%
XYZ	14.3806, 16.2758, 13.2101
YIQ	110.6270, 2.2480, -7.7040

Conversions

Conversions Part 2

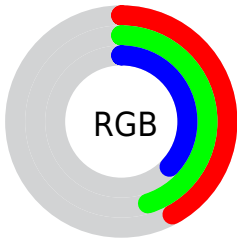
Format	Color
R_{YB}	95, 115, 102
Decimal	7107423
CIE Lab	47.33, -6.56, 10.19
CIE LCh	47, 12.118, 122.790
Yxy	16.2758, 0.3278, 0.3710
Android (android.graphics.Color)	4285297503 (0xFF6C735F)
YUV	110.6270, -7.7041, -2.3039
Hunter-Lab	40.3433, -6.9734, 8.8262

Details

The XYZ color **14.3806, 16.2758, 13.2101** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6669, 12.2475, 17.9169**, and the grayscale version is **15.0229, 15.8053, 17.2119**.

A 20% lighter version of the original color is **33.4268, 37.1554, 32.1980**, and **4.4250, 5.1967, 3.6756** is the 20% darker color. If you saturate the color by 10%, you get **13.4177, 15.8359, 10.6348**, and if you desaturate by 10%, it is **15.4442, 16.7597, 16.1937**.

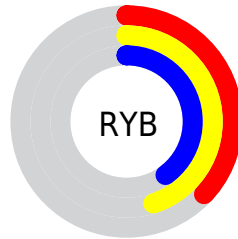
Distribution



Red (42%)

Green (45%)

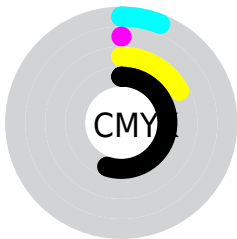
Blue (37%)



Red (37%)

Yellow (45%)

Blue (40%)

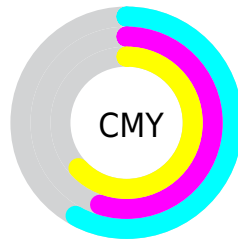


Cyan (6%)

Magenta (0%)

Yellow (17%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3806, 16.2758, 13.2101 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 14.3806, 16.2758, 13.2101 by changing the saturation by 10% instead.

■ 14.3806, 16.2758,
13.2101

■ 14.3806, 16.2758,
13.2101

213.0494,
230.9637, 223.5147

■ 8.4693, 9.7195,
7.4410

■ 33.3435, 37.0763,
32.3774

■ 4.4510, 5.2134,
3.6568

■ 47.1258, 52.0894,
46.6127

■ 1.9603, 2.3730,
1.4390

■ 64.2625, 70.6902,
64.5071

■ 0.6115, 0.8119,
0.1719

■ 85.1190, 93.2631,
86.4791

■ 0.0000, 0.0000,
0.0000

110.0606,
120.1925, 112.9474

139.4526,

151.8628, 144.3304

173.6604,
188.6584, 181.0466

■ 14.3806, 16.2758,
13.2101

■ 14.3806, 16.2758,
13.2101

■ 13.4177, 15.8359,
10.6348

■ 15.4442, 16.7597,
16.1937

■ 12.5505, 15.4363,
8.4490

■ 16.6106, 17.2868,
19.6013

■ 11.7756, 15.0762,
6.6340

■ 17.8836, 17.8592,
23.4488

■ 11.0886, 14.7538,
5.1691

■ 19.2663, 18.4782,
27.7514

■ 10.4850, 14.4672,
4.0315

■ 20.7617, 19.1450,
32.5231

■ 9.9596, 14.2143,
3.1959

■ 22.3725, 19.8608,
37.7776

■ 9.5066, 13.9927,
2.6333

■ 24.1016, 20.6267,
43.5280

■ 9.1114, 13.7966,
2.2689

■ 25.9517, 21.4438,
49.7868

■ 9.0125, 13.7475,
2.1785

■ 27.9252, 22.3132,
56.5662

Harmonies

Analogous

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



15.3696, 16.2758, 12.4577



14.3806, 16.2758, 13.2101



13.7089, 16.2758, 15.1584

Triad

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



14.3806, 16.2758, 13.2101



14.5467, 16.2758, 23.5035



17.6199, 16.2758, 17.4359

Complementary

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



14.3806, 16.2758, 13.2101



12.6669, 12.2475, 17.9169

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.



17.3750, 16.2758, 20.5585



14.3806, 16.2758, 13.2101



15.5702, 16.2758, 24.2918

Square

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



14.3806, 16.2758, 13.2101



13.8017, 16.2758, 21.1126



16.6124, 16.2758, 23.1585



17.2669, 16.2758, 14.7146

Rectangle

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



14.3806, 16.2758, 13.2101



13.5146, 16.2758, 16.9914



16.6124, 16.2758, 23.1585



17.6048, 16.2758, 18.4724

Sweetspot

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



14.3810, 16.2765, 13.2105



28.1103, 30.2164, 30.3086



13.8877, 13.9743, 12.7921



6.6791, 7.1963, 7.1525



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.



14.3810, 16.2765, 13.2105



25.0119, 28.8075, 21.6494



13.2338, 15.6851, 13.1568



3.8481, 4.2052, 3.9512



10.2790, 15.7034, 2.4893



49.1384, 76.0336, 12.0861

Inverse Universe

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



12.6669, 12.2475, 17.9169



21.3141, 20.1151, 31.8037



13.8694, 12.8674, 17.9732



3.6104, 3.6465, 4.6038



4.5278, 1.9255, 18.6756



21.2159, 8.9457, 90.9688

Previews

White Background



This preview shows how the XYZ color 14.3806, 16.2758, 13.2101 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 14.3806, 16.2758, 13.2101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

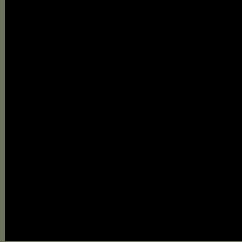
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3806, 16.2758, 13.2101

Background



This preview shows how black text looks on a background with the XYZ color 14.3806, 16.2758, 13.2101.



This preview shows how white text looks on a background with the XYZ color 14.3806, 16.2758,

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

14.3806, 16.2758, 13.2101

Protanopia

15.2412, 16.2302, 12.6854

Deuteranopia

16.5271, 16.2368, 13.3293



Tritanopia

15.7567, 16.1697, 20.0599

Trichromacy



Original Color

14.3806, 16.2758, 13.2101

Protanomaly

14.8649, 16.1958, 12.9323

Deuteranomaly

15.6809, 16.2784, 13.3819

Tritanomaly

15.2190, 16.1155, 17.3474

Monochromacy



Original Color

14.3806, 16.2758, 13.2101

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7744, 15.9233, 15.6594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3806, 16.2758, 13.2101 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(108, 115, 95)` looks like.

```
.text, #text, p{  
    color:rgb(108, 115, 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(108, 115, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 115, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.3806, 16.2758, 13.2101 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(108, 115, 95) }
```


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

```
.border{ border-color:rgb(108, 115, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 115, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 115, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 115, 95);  
box-shadow:4px 4px 4px 4px rgb(108, 115,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3806, 16.2758, 13.2101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 115, 95) }
```

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

```
.background{ background-color: rgb(108,  
115, 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](#).

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