

Converting Colors

XYZ(14.6942, 12.3344, 18.0145)

Have a look what the booklet for
XYZ(14.6942, 12.3344, 18.0145)
contains.

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Color

**XYZ(14.8105, 12.4514,
18.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5874
RGB	123, 88, 116
RGB Percent	48%, 35%, 45%
CMY	0.5176, 0.6549, 0.5451
CMYK	0.00, 0.28, 0.06, 0.52
HSL	312°, 17%, 41%
HSV	312°, 28%, 48%
XYZ	14.8105, 12.4514, 18.1458
YIQ	101.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

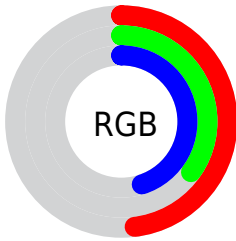
Format	Color
RYB	123, 88, 116
Decimal	8083572
CIELab	41.92, 19.38, -10.19
CIELCh	42, 21.899, 332.266
Yxy	12.4514, 0.3262, 0.2742
Android (android.graphics.Color)	4286273652 (0xFF7B5874)
YUV	101.6570, 7.0711, 18.7178
Hunter-Lab	35.2865, 13.1687, -5.7888

Details

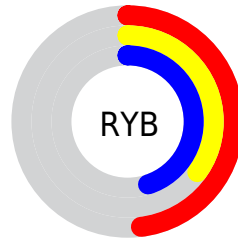
The XYZ color **14.8105, 12.4514, 18.1458** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.1735, 17.0672, 13.4272**, and the grayscale version is **12.5203, 13.1723, 14.3446**.

A 20% lighter version of the original color is **34.0609, 30.2342, 41.0864**, and **4.6954, 3.5291, 5.9026** is the 20% darker color. If you saturate the color by 10%, you get **13.7437, 10.5435, 17.0936**, and if you desaturate by 10%, it is **16.0523, 14.7026, 19.2753**.

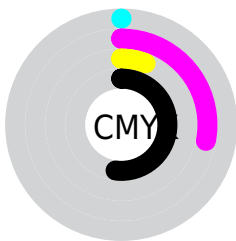
Distribution



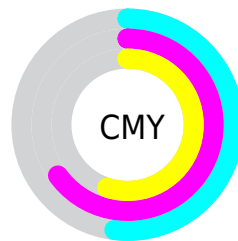
- Red (48%)
- Green (35%)
- Blue (45%)



- Red (48%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8105, 12.4514, 18.1458 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 14.8105, 12.4514, 18.1458 by changing the saturation by 10% instead.

■ 14.8105, 12.4514,
18.1458

■ 14.8105, 12.4514,
18.1458

215.6275,
207.3712, 253.9552

■ 8.7719, 7.0519,
10.8842

■ 34.0948, 30.3146,
41.1029

■ 4.6486, 3.4946,
5.8758

■ 48.0712, 43.5471,
57.6355

■ 2.0752, 1.3951,
2.7022

■ 65.4244, 60.1594,
78.0954

■ 0.6757, 0.2131,
0.9445

■ 86.5195, 80.5358,
102.9013

■ 0.0000, 0.0000,
0.0000

■ 111.7221,
105.0608, 132.4717

141.3973,

134.1188, 167.2252

175.9107,
168.0941, 207.5801

■ 14.8105, 12.4514,
18.1458

■ 14.8105, 12.4514,
18.1458

■ 13.7437, 10.5435,
17.0936

■ 16.0523, 14.7026,
19.2753

■ 12.8420, 8.9603,
16.1148

■ 17.4758, 17.3115,
20.4841

■ 12.0967, 7.6836,
15.2066

■ 19.0889, 20.2934,
21.7752

■ 11.4974, 6.6931,
14.3653

■ 20.8987, 23.6625,
23.1508

■ 11.0326, 5.9657,
13.5870

■ 22.9119, 27.4320,
24.6136

■ 10.6890, 5.4749,
12.8670

■ 25.1348, 31.6148,
26.1656

■ 10.4307, 5.1489,
12.1933

■ 27.5735, 36.2228,
27.8091

■ 10.3920, 5.1004,
12.0911

■ 30.2339, 41.2677,
29.5462

■ 33.1215, 46.7608,
31.3787

Harmonies

Analogous

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



13.5762, 12.4514, 22.5834



14.8105, 12.4514, 18.1458



15.2270, 12.4514, 13.2079

Triad

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



14.8105, 12.4514, 18.1458



11.7120, 12.4514, 6.4559



9.3920, 12.4514, 18.8976

Complementary

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



14.8105, 12.4514, 18.1458



13.1735, 17.0672, 13.4272

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.



8.9878, 12.4514, 13.9131



14.8105, 12.4514, 18.1458



10.2489, 12.4514, 7.3280

Square

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



14.8105, 12.4514, 18.1458



13.3438, 12.4514, 7.0966



9.2868, 12.4514, 9.8162



10.4438, 12.4514, 23.0825

Rectangle

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



14.8105, 12.4514, 18.1458



14.9568, 12.4514, 10.4512



9.2868, 12.4514, 9.8162



9.1804, 12.4514, 17.2252

Sweetspot

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



14.8109, 12.4520, 18.1461



31.0867, 30.6179, 36.5101



11.7848, 10.8431, 20.2109



7.2437, 7.0681, 8.5341



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.8109, 12.4520, 18.1461



25.2674, 20.0480, 31.2762



13.8869, 12.0823, 13.2803



4.1218, 4.0644, 4.8389



10.7484, 5.2755, 12.4979



50.9637, 25.0418, 57.9981

Inverse Universe

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



14.8109, 12.4520, 18.1461



25.2674, 20.0480, 31.2762



14.0605, 17.4220, 18.0977



4.1218, 4.0644, 4.8389



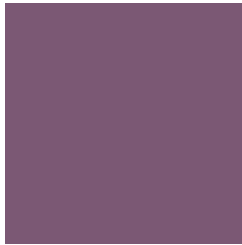
10.7484, 5.2755, 12.4979



50.9637, 25.0418, 57.9981

Previews

White Background



This preview shows how the XYZ color 14.8105, 12.4514, 18.1458 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 14.8105, 12.4514, 18.1458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

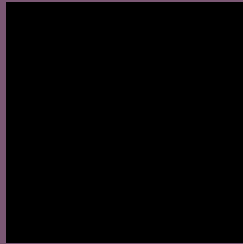
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8105, 12.4514, 18.1458

Background



This preview shows how black text looks on a background with the XYZ color 14.8105, 12.4514, 18.1458.



This preview shows how white text looks on a background with the XYZ color 14.8105, 12.4514,

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

14.8105, 12.4514, 18.1458

Protanopia

12.4570, 12.4926, 20.4936

Deuteranopia

12.7914, 12.5891, 17.6753



Tritanopia

13.8308, 12.4290, 13.2253

Trichromacy



Original Color

14.8105, 12.4514, 18.1458

Protanomaly

13.1018, 12.3045, 19.4538

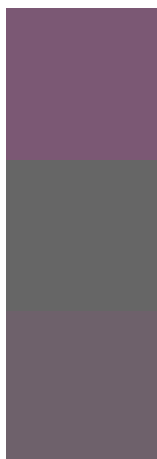
Deuteranomaly

13.5276, 12.5582, 17.9306

Tritanomaly

14.2320, 12.4698, 15.0214

Monochromacy



Original Color

14.8105, 12.4514, 18.1458

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.3589, 12.9259, 15.7008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8105, 12.4514, 18.1458 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(123, 88, 116)` looks like.

```
.text, #text, p{  
    color:rgb(123, 88, 116)  
}
```

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(123, 88, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 88, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.8105, 12.4514, 18.1458 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(123, 88, 116) }
```


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

```
.border{ border-color:rgb(123, 88, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 88, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 88, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 88, 116);  
box-shadow:4px 4px 4px 4px rgb(123, 88,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8105, 12.4514, 18.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 88, 116) }
```

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

```
.background{ background-color: rgb(123, 88,  
116) }
```

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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