

Converting Colors

XYZ(18.1011, 14.3304, 14.1589)

Have a look what the booklet for
XYZ(18.1011, 14.3304, 14.1589)
contains.

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Color

**XYZ(18.1341, 14.3802,
14.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	945965
RGB	148, 89, 101
RGB Percent	58%, 35%, 40%
CMY	0.4196, 0.6510, 0.6039
CMYK	0.00, 0.40, 0.32, 0.42
HSL	348°, 25%, 46%
HSV	348°, 40%, 58%
XYZ	18.1341, 14.3802, 14.1318
YIQ	108.0090, 31.3120, 16.2400

Conversions

Conversions Part 2

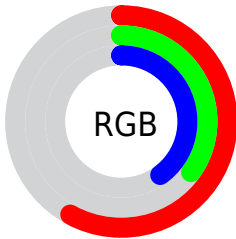
Format	Color
R_{YB}	148, 89, 101
Decimal	9722213
CIE Lab	44.77, 25.89, 3.52
CIE LCh	45, 26.127, 7.744
Yxy	14.3802, 0.3888, 0.3083
Android (android.graphics.Color)	4287912293 (0xFF945965)
YUV	108.0090, -3.4554, 35.0721
Hunter-Lab	37.9212, 18.9973, 4.4497

Details

The XYZ color **18.1341, 14.3802, 14.1318** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.1543, 25.0816, 27.1255**, and the grayscale version is **14.2599, 15.0026, 16.3378**.

A 20% lighter version of the original color is **39.9474, 33.8605, 34.1360**, and **6.2131, 4.3552, 4.0032** is the 20% darker color. If you saturate the color by 10%, you get **16.4872, 11.9455, 10.9343**, and if you desaturate by 10%, it is **20.1123, 17.3446, 17.8490**.

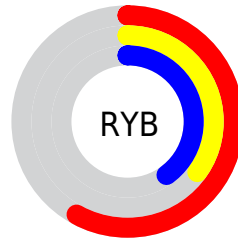
Distribution



Red (58%)

Green (35%)

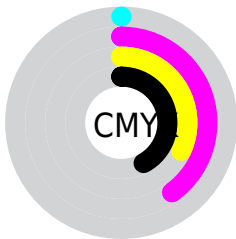
Blue (40%)



Red (58%)

Yellow (35%)

Blue (40%)

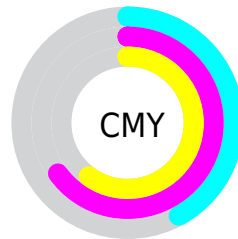


Cyan (0%)

Magenta (40%)

Yellow (32%)

Black (42%)



Cyan (42%)

Magenta (65%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1341, 14.3802, 14.1318 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 18.1341, 14.3802, 14.1318 by changing the saturation by 10% instead.

■ 18.1341, 14.3802,
14.1318

■ 18.1341, 14.3802,
14.1318

234.6568,
219.5834, 229.5061

■ 11.1466, 8.3856,
8.0726

■ 39.7940, 33.7621,
34.0432

■ 6.2335, 4.3426,
4.0530

■ 55.1971, 47.9182,
48.7325

■ 3.0296, 1.8670,
1.6545

■ 74.1360, 65.5636,
67.1355

■ 1.1694, 0.5284,
0.3292

■ 96.9763, 87.0826,
89.6708

■ 0.0820, 0.0000,
0.0000

■ 124.0831,
112.8597, 116.7570

■ 0.0000, 0.0000,
0.0000

155.8219,

143.2793, 148.8126

192.5580,
178.7257, 186.2561

■ 18.1341, 14.3802,
14.1318

■ 18.1341, 14.3802,
14.1318

■ 16.4872, 11.9455,
10.9343

■ 20.1123, 17.3446,
17.8490

■ 15.1520, 10.0073,
8.2321

■ 22.4376, 20.8655,
22.1070

■ 14.1086, 8.5316,
6.0003

■ 25.1262, 24.9699,
26.9268


■ 13.3342, 7.4794,
4.2111

■ 28.1929, 29.6830,
32.3279


■ 12.8025, 6.8052,
2.8338


■ 31.6517, 35.0281,
38.3290


 12.4527, 6.3954,
1.8237

 35.5160, 41.0274,
44.9478

 12.4484, 6.3902,
1.8120

 39.7983, 47.7021,
52.2014

 44.5107, 55.0724,
60.1063

 49.6648, 63.1575,
68.6780

Harmonies

Analogous

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



17.8132, 14.3802, 20.5259



18.1341, 14.3802, 14.1318



17.1637, 14.3802, 9.5265

Triad

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



18.1341, 14.3802, 14.1318



11.3142, 14.3802, 8.1019



12.1767, 14.3802, 29.1918

Complementary

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



18.1341, 14.3802, 14.1318



19.1543, 25.0816, 27.1255

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.



10.6823, 14.3802, 23.9774



18.1341, 14.3802, 14.1318



10.2215, 14.3802, 11.6272

Square

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



18.1341, 14.3802, 14.1318



13.1243, 14.3802, 6.6831



10.0028, 14.3802, 17.2894



14.2265, 14.3802, 30.3672

Rectangle

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



18.1341, 14.3802, 14.1318



15.9689, 14.3802, 7.6944



10.0028, 14.3802, 17.2894



11.5994, 14.3802, 27.7982

Sweetspot

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



18.1345, 14.3809, 14.1321



43.1465, 42.2408, 45.3976



18.9448, 14.4525, 29.8083



9.7214, 9.4470, 10.1348



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.1345, 14.3809, 14.1321



29.3304, 21.4288, 19.7665



19.1413, 17.2676, 11.7761



5.8462, 5.8335, 6.2961



10.6413, 5.4616, 1.5920



0.1390, 0.0704, 0.0658

Inverse Universe

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



18.1345, 14.3809, 14.1321



29.3304, 21.4288, 19.7665



17.6201, 20.5713, 31.0591



5.8462, 5.8335, 6.2961



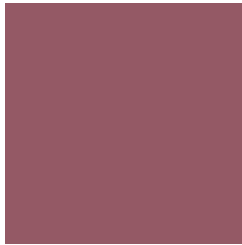
10.6413, 5.4616, 1.5920



0.1390, 0.0704, 0.0658

Previews

White Background



This preview shows how the XYZ color 18.1341, 14.3802, 14.1318 looks on a white background.

Color Contrast Check

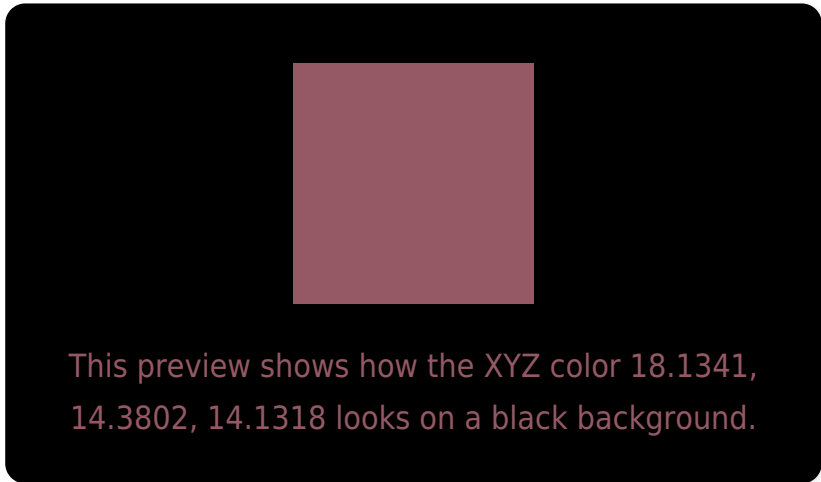
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 18.1341, 14.3802, 14.1318

Background



This preview shows how black text looks on a background with the XYZ color 18.1341, 14.3802, 14.1318.



This preview shows how white text looks on a background with the XYZ color 18.1341, 14.3802,

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

18.1341, 14.3802, 14.1318

Protanopia

14.0867, 14.5816, 17.1110

Deuteranopia

14.7101, 14.5233, 13.8323



Tritanopia

17.9802, 14.4528, 12.9083

Trichromacy



Original Color

18.1341, 14.3802, 14.1318

Protanomaly

15.2371, 14.3135, 15.8696

Deuteranomaly

15.8739, 14.4013, 13.9997

Tritanomaly

18.0735, 14.4901, 13.3996

Monochromacy



Original Color

18.1341, 14.3802, 14.1318

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.3719, 14.5382, 15.3606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1341, 14.3802, 14.1318 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(148, 89, 101)` looks like.

```
.text, #text, p{  
    color:rgb(148, 89, 101)  
}
```

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(148, 89, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 89, 101) }
```

Border

The CSS property to change the border of an element to XYZ 18.1341, 14.3802, 14.1318 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(148, 89, 101) }
```


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

```
.border{ border-color:rgb(148, 89, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 89, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 89, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 89, 101); box-shadow:4px 4px 4px 4px rgb(148, 89, 101) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1341, 14.3802, 14.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 89, 101) }
```

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

```
.background{ background-color: rgb(148, 89,  
101) }
```

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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