

Converting Colors

XYZ(18.5000, 14.1117, 3.9049)

Have a look what the booklet for
XYZ(18.5000, 14.1117, 3.9049)
contains.

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Color

**XYZ(18.4115, 14.0351,
3.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	A2532A
RGB	162, 83, 42
RGB Percent	64%, 33%, 16%
CMY	0.3647, 0.6745, 0.8353
CMYK	0.00, 0.49, 0.74, 0.36
HSL	21°, 59%, 40%
HSV	21°, 74%, 64%
XYZ	18.4115, 14.0351, 3.9291
YIQ	101.9470, 60.2450, 3.9970

Conversions

Conversions Part 2

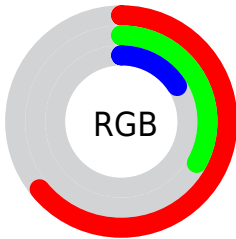
Format	Color
R _Y B	162, 104, 42
Decimal	10638122
CIE Lab	44.28, 29.46, 37.85
CIE LCh	44, 47.962, 52.100
Yxy	14.0351, 0.5061, 0.3858
Android (android.graphics.Color)	4288828202 (0xFFA2532A)
YUV	101.9470, -29.5539, 52.6665
Hunter-Lab	37.4634, 22.1632, 20.0062

Details

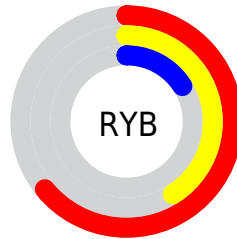
The XYZ color **18.4115, 14.0351, 3.9291** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **14.3132, 16.7744, 36.6657**, and the grayscale version is **12.6797, 13.3400, 14.5272**.

A 20% lighter version of the original color is **40.1894, 33.1605, 13.9553**, and **6.4267, 4.2053, 0.4730** is the 20% darker color. If you saturate the color by 10%, you get **17.4239, 12.4340, 2.4473**, and if you desaturate by 10%, it is **19.6425, 15.9357, 6.0704**.

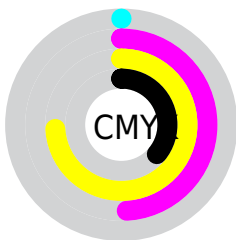
Distribution



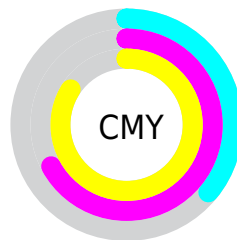
- Red (64%)
- Green (33%)
- Blue (16%)



- Red (64%)
- Yellow (41%)
- Blue (16%)



- Cyan (0%)
- Magenta (49%)
- Yellow (74%)
- Black (36%)





- Cyan (36%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4115, 14.0351, 3.9291 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 18.4115, 14.0351, 3.9291 by changing the saturation by 10% instead.


 18.4115, 14.0351,
3.9291


 18.4115, 14.0351,
3.9291


236.1813,
217.4491, 147.4340


 11.3473, 8.1451,
1.5865


 40.2619, 33.1513,
13.8459


 6.3699, 4.1879,
0.2812


 55.7788, 47.1463,
22.2572


 3.1141, 1.7792,
0.0000

 74.8439, 64.6117,
33.5286

 1.2144, 0.4742,
0.0000

 97.8227, 85.9319,
48.0784

 0.1177, 0.0000,
0.0000

 125.0805,
111.4914, 66.3253

 0.0000, 0.0000,
0.0000

 156.9826,

141.6745, 88.6879

193.8945,
176.8656, 115.5846

■ 18.4115, 14.0351,
3.9291

■ 18.4115, 14.0351,
3.9291

■ 17.4239, 12.4340,
2.4473

■ 19.6425, 15.9357,
6.0704

■ 16.6579, 11.1126,
1.5427

■ 21.1338, 18.1492,
8.9388

■ 16.2834, 10.4477,
1.1584

■ 22.9019, 20.6909,
12.5941

■ 24.9614, 23.5743,
17.0897

■ 27.3257, 26.8120,
22.4741

■ 30.0074, 30.4160,
28.7923

■ 33.0185, 34.3977,
36.0862

■ 36.3700, 38.7681,
44.3950

■ 40.0727, 43.5374,
53.7558

Harmonies

Analogous

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



21.4213, 14.0351, 8.6244



18.4115, 14.0351, 3.9291



14.3812, 14.0351, 2.4457

Triad

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



18.4115, 14.0351, 3.9291



7.2794, 14.0351, 12.5547



16.3165, 14.0351, 44.4576

Complementary

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



18.4115, 14.0351, 3.9291



14.3132, 16.7744, 36.6657

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.



12.3502, 14.0351, 47.2735



18.4115, 14.0351, 3.9291



7.5996, 14.0351, 24.7029

Square

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



18.4115, 14.0351, 3.9291



8.3188, 14.0351, 5.6221



9.2974, 14.0351, 38.7915



20.0590, 14.0351, 32.3090

Rectangle

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



18.4115, 14.0351, 3.9291



11.8506, 14.0351, 2.5259



9.2974, 14.0351, 38.7915



14.9491, 14.0351, 46.7041

Sweetspot

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



18.4118, 14.0359, 3.9293



50.3735, 49.7118, 42.5792



19.2411, 10.7425, 19.4718



11.0492, 10.8066, 8.9492



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



18.4118, 14.0359, 3.9293



30.6690, 20.9300, 3.2489



24.9911, 27.1945, 6.1225



7.2624, 7.4633, 7.4379



12.8653, 8.3044, 0.9248



0.3129, 0.2596, 0.0336

Inverse Universe

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



14.3132, 16.7744, 36.6657



22.6772, 25.8769, 65.8556



9.1991, 6.5462, 34.9609



7.0713, 7.6017, 8.9976



9.2919, 10.3631, 28.4403



0.2364, 0.3001, 0.6113

Previews

White Background



This preview shows how the XYZ color 18.4115, 14.0351, 3.9291 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 18.4115, 14.0351, 3.9291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

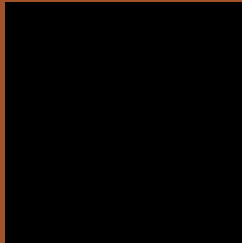
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.4115, 14.0351, 3.9291

Background



This preview shows how black text looks on a background with the XYZ color 18.4115, 14.0351, 3.9291.



This preview shows how white text looks on a background with the XYZ color 18.4115, 14.0351,

3.9291.

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

18.4115, 14.0351, 3.9291

Protanopia

12.9421, 14.1068, 4.9465

Deuteranopia

14.4068, 14.1534, 3.7228



Tritanopia

19.6345, 13.9814, 10.0513

Trichromacy



Original Color

18.4115, 14.0351, 3.9291

Protanomaly

14.4407, 13.7332, 4.4744

Deuteranomaly

15.6966, 13.9915, 3.7928

Tritanomaly

19.0471, 13.9535, 7.3196

Monochromacy



Original Color

18.4115, 14.0351, 3.9291

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.8524, 13.0487, 9.3780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4115, 14.0351, 3.9291 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(162, 83, 42)` looks like.

```
.text, #text, p{  
    color:rgb(162, 83, 42)  
}
```

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(162, 83, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 83, 42) }
```

Border

The CSS property to change the border of an element to XYZ 18.4115, 14.0351, 3.9291 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(162, 83, 42) }
```


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

```
.border{ border-color:rgb(162, 83, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 83, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 83, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 83, 42);  
box-shadow:4px 4px 4px 4px rgb(162, 83,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4115, 14.0351, 3.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 83, 42) }
```

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

```
.background{ background-color: rgb(162, 83,  
42) }
```

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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