

Converting Colors

XYZ(14.0937, 15.9966, 3.9349)

Have a look what the booklet for
XYZ(14.0937, 15.9966, 3.9349)
contains.

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Color

**XYZ(14.0937, 15.9966,
3.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	797123
RGB	121, 113, 35
RGB Percent	47%, 44%, 14%
CMY	0.5255, 0.5568, 0.8627
CMYK	0.00, 0.07, 0.71, 0.53
HSL	54°, 55%, 31%
HSV	54°, 71%, 47%
XYZ	14.0937, 15.9966, 3.9349
YIQ	106.5000, 29.8060, -22.5620

Conversions

Conversions Part 2

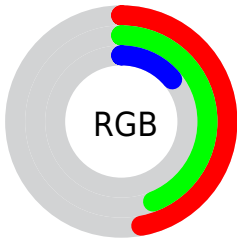
Format	Color
R_{YB}	44, 121, 35
Decimal	7958819
CIE Lab	46.97, -6.78, 42.45
CIE LCh	47, 42.983, 99.071
Yxy	15.9966, 0.4142, 0.4701
Android (android.graphics.Color)	4286148899 (0xFF797123)
YUV	106.5000, -35.2495, 12.7165
Hunter-Lab	39.9957, -7.0927, 22.1639

Details

The XYZ color **14.0937, 15.9966, 3.9349** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.0082, 3.4655, 18.4941**, and the grayscale version is **13.9257, 14.6510, 15.9549**.

A 20% lighter version of the original color is **32.9993, 36.7963, 13.9575**, and **4.4161, 5.0827, 0.7483** is the 20% darker color. If you saturate the color by 10%, you get **13.8196, 15.6880, 3.1052**, and if you desaturate by 10%, it is **14.4321, 16.3347, 5.0924**.

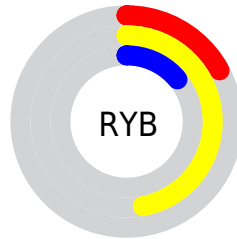
Distribution



Red (47%)

Green (44%)

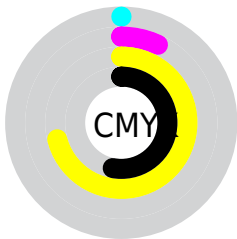
Blue (14%)



Red (17%)

Yellow (47%)

Blue (14%)

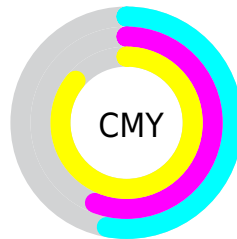


Cyan (0%)

Magenta (7%)

Yellow (71%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0937, 15.9966, 3.9349 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 14.0937, 15.9966, 3.9349 by changing the saturation by 10% instead.

■ 14.0937, 15.9966,
3.9349

■ 14.0937, 15.9966,
3.9349

211.3119,
229.3217, 147.4990

■ 8.2680, 9.5217,
1.5897

■ 32.8401, 36.5923,
13.8593

■ 4.3202, 5.0830,
0.2835

■ 46.4915, 51.4819,
22.2757

■ 1.8848, 2.2961,
0.0000

■ 63.4821, 69.9453,
33.5528

■ 0.5680, 0.7716,
0.0000

■ 84.1774, 92.3668,
48.1092

■ 0.0000, 0.0000,
0.0000

■ 108.9427,
119.1307, 66.3635

■ 138.1433,

150.6216, 88.7342

172.1446,
187.2238, 115.6399

14.0937, 15.9966,
3.9349

14.0937, 15.9966,
3.9349

13.8196, 15.6880,
3.1052

14.4321, 16.3347,
5.0924

13.6020, 15.4038,
2.5670

14.8395, 16.7022,
6.6069

13.4340, 15.1627,
2.2186

15.3213, 17.1021,
8.5057

15.8822, 17.5360,
10.8129

16.5264, 18.0058,
13.5509

■ 17.2577, 18.5131,
16.7403

■ 18.0799, 19.0592,
20.4005

■ 18.9965, 19.6456,
24.5495

■ 20.0107, 20.2736,
29.2048

Harmonies

Analogous

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



17.9333, 15.9966, 4.3597



14.0937, 15.9966, 3.9349



11.0909, 15.9966, 5.7875

Triad

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



14.0937, 15.9966, 3.9349



10.2575, 15.9966, 33.9805



22.9982, 15.9966, 25.9018

Complementary

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



14.0937, 15.9966, 3.9349



5.0082, 3.4655, 18.4941

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.



20.2266, 15.9966, 38.9209



14.0937, 15.9966, 3.9349



12.7672, 15.9966, 44.7657

Square

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



14.0937, 15.9966, 3.9349



9.1286, 15.9966, 20.8868



16.3717, 15.9966, 46.8736



23.5110, 15.9966, 14.3555

Rectangle

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



14.0937, 15.9966, 3.9349



9.8117, 15.9966, 8.8016



16.3717, 15.9966, 46.8736



22.2804, 15.9966, 30.3608

Sweetspot

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



14.0941, 15.9974, 3.9352



29.5389, 32.2043, 24.0274



8.9334, 5.4460, 2.9242



6.6943, 7.3207, 5.2371



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.



14.0941, 15.9974, 3.9352



24.5002, 27.7801, 4.9195



11.0341, 15.8031, 4.0590



4.2774, 4.5733, 4.2818



14.3924, 16.2406, 2.3762



68.3209, 76.8052, 11.2240

Inverse Universe

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



5.0082, 3.4655, 18.4941



7.1874, 3.9373, 32.7741



6.5351, 3.8626, 18.4902



3.8249, 3.9480, 5.0036



3.8254, 1.7332, 19.5182



17.9580, 7.6886, 93.0073

Previews

White Background



This preview shows how the XYZ color 14.0937, 15.9966, 3.9349 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 14.0937, 15.9966, 3.9349 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 14.0937, 15.9966, 3.9349

Background



This preview shows how black text looks on a background with the XYZ color 14.0937, 15.9966, 3.9349.



This preview shows how white text looks on a background with the XYZ color 14.0937, 15.9966,

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

14.0937, 15.9966, 3.9349

Protanopia

14.5550, 16.0697, 3.9247

Deuteranopia

16.1513, 15.9370, 4.0586



Tritanopia

16.9437, 16.0350, 18.1216

Trichromacy



Original Color

14.0937, 15.9966, 3.9349

Protanomaly

14.4097, 15.9948, 3.9179

Deuteranomaly

15.3183, 15.9764, 4.0267

Tritanomaly

15.5658, 15.9531, 10.8532

Monochromacy



Original Color

14.0937, 15.9966, 3.9349

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.6359, 14.9761, 9.9566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0937, 15.9966, 3.9349 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, 113, 35)` looks like.

```
.text, #text, p{  
    color:rgb(121, 113, 35)  
}
```

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, 113, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 113, 35) }
```

Border

The CSS property to change the border of an element to XYZ 14.0937, 15.9966, 3.9349 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, 113, 35) }
```


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

```
.border{ border-color:rgb(121, 113, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 113, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 113, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 113, 35);  
box-shadow:4px 4px 4px 4px rgb(121, 113,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0937, 15.9966, 3.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 113, 35) }
```

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

```
.background{ background-color: rgb(121,  
113, 35) }
```

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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