

Converting Colors

XYZ(14.6797, 14.3408, 3.5846)

Have a look what the booklet for
XYZ(14.6797, 14.3408, 3.5846)
contains.

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Color

**XYZ(14.6921, 14.3040,
3.5767)**

Conversions

Conversions Part 1

Format	Color
Hex	866423
RGB	134, 100, 35
RGB Percent	53%, 39%, 14%
CMY	0.4745, 0.6078, 0.8627
CMYK	0.00, 0.25, 0.74, 0.47
HSL	39°, 59%, 33%
HSV	39°, 74%, 53%
XYZ	14.6921, 14.3040, 3.5767
YIQ	102.7560, 41.1290, -13.0070

Conversions

Conversions Part 2

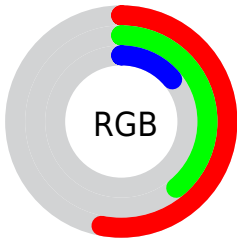
Format	Color
R_{YB}	87, 134, 35
Decimal	8807459
CIE _{Lab}	44.67, 6.85, 40.54
CIE _{LCh}	45, 41.118, 80.411
Yxy	14.3040, 0.4511, 0.4391
Android (android.graphics.Color)	4286997539 (0xFF866423)
YUV	102.7560, -33.4037, 27.4010
Hunter-Lab	37.8206, 3.1554, 20.8674

Details

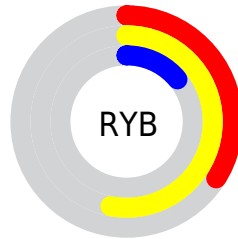
The XYZ color **14.6921, 14.3040, 3.5767** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.1243, 6.3347, 23.4015**, and the grayscale version is **12.9058, 13.5779, 14.7863**.

A 20% lighter version of the original color is **33.9020, 33.7205, 13.1094**, and **4.7125, 4.3877, 0.5985** is the 20% darker color. If you saturate the color by 10%, you get **14.1010, 13.3817, 2.5788**, and if you desaturate by 10%, it is **15.3848, 15.3080, 4.9839**.

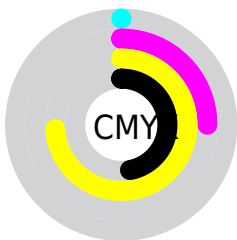
Distribution



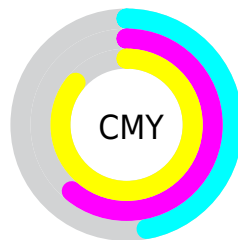
- Red (53%)
- Green (39%)
- Blue (14%)



- Red (34%)
- Yellow (53%)
- Blue (14%)



- Cyan (0%)
- Magenta (25%)
- Yellow (74%)
- Black (47%)



- Cyan (47%)
- Magenta (61%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6921, 14.3040, 3.5767 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 14.6921, 14.3040, 3.5767 by changing the saturation by 10% instead.

■ 14.6921, 14.3040,
3.5767

■ 14.6921, 14.3040,
3.5767

214.9205,
219.1139, 143.3973

■ 8.6885, 8.3324,
1.3961

■ 33.8882, 33.6275,
13.0211

■ 4.5940, 4.3084,
0.1387

■ 47.8115, 47.7481,
21.1220

■ 2.0434, 1.8475,
0.0000

■ 65.1053, 65.3539,
32.0334

■ 0.6582, 0.5165,
0.0000

■ 86.1350, 86.8293,
46.1739

■ 0.0000, 0.0000,
0.0000

■ 111.2660,
112.5585, 63.9620

■ 140.8637,

142.9261, 85.8163

175.2934,
178.3165, 112.1552

14.6921, 14.3040,
3.5767

14.6921, 14.3040,
3.5767

14.1010, 13.3817,
2.5788

15.3848, 15.3080,
4.9839

13.6005, 12.5344,
1.9381

16.1863, 16.3954,
6.8405

13.3199, 12.0451,
1.6229

17.1042, 17.5706,
9.1829

18.1449, 18.8366,
12.0433

19.3143, 20.1965,
15.4513

■ 20.6181, 21.6531,
19.4340

■ 22.0613, 23.2090,
24.0170

■ 23.6488, 24.8666,
29.2241

■ 25.3853, 26.6285,
35.0780

Harmonies

Analogous

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



18.1059, 14.3040, 5.2749



14.6921, 14.3040, 3.5767



11.4792, 14.3040, 3.9236

Triad

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



14.6921, 14.3040, 3.5767



8.4270, 14.3040, 22.8988



19.1611, 14.3040, 30.4572

Complementary

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



14.6921, 14.3040, 3.5767



7.1243, 6.3347, 23.4015

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.



15.9571, 14.3040, 39.9103



14.6921, 14.3040, 3.5767



9.9043, 14.3040, 34.4506

Square

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



14.6921, 14.3040, 3.5767



8.2015, 14.3040, 12.7109



12.5549, 14.3040, 41.6129



20.9506, 14.3040, 18.8390

Rectangle

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



14.6921, 14.3040, 3.5767



9.8473, 14.3040, 5.3577



12.5549, 14.3040, 41.6129



18.1914, 14.3040, 34.1638

Sweetspot

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



14.6924, 14.3047, 3.5770



34.3359, 35.9319, 28.1407



11.5271, 6.7083, 6.4241



7.6255, 7.9698, 6.0105



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.6924, 14.3047, 3.5770



24.2054, 22.5074, 3.6880



16.4569, 21.1041, 4.7964



4.9087, 5.1609, 4.9668



12.4929, 11.3084, 1.5243



0.0501, 0.0528, 0.0076

Inverse Universe

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



7.1243, 6.3347, 23.4015



10.1735, 7.8157, 40.7108



6.2123, 3.5978, 22.9213



4.5556, 4.7868, 5.8846



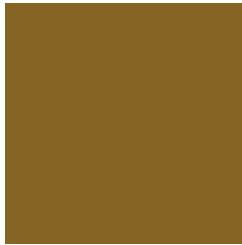
4.9581, 3.4640, 21.5440



0.0235, 0.0246, 0.0767

Previews

White Background



This preview shows how the XYZ color 14.6921, 14.3040, 3.5767 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 14.6921, 14.3040, 3.5767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

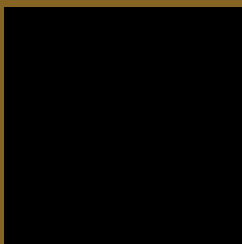
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.6921, 14.3040, 3.5767

Background



This preview shows how black text looks on a background with the XYZ color 14.6921, 14.3040, 3.5767.



This preview shows how white text looks on a background with the XYZ color 14.6921, 14.3040,

3.5767.

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

14.6921, 14.3040, 3.5767

Protanopia

12.9592, 14.2932, 3.8261

Deuteranopia

14.6299, 14.4153, 3.6015



Tritanopia

16.8329, 14.3483, 14.1942

Trichromacy



Original Color

14.6921, 14.3040, 3.5767

Protanomaly

13.5809, 14.3131, 3.7160

Deuteranomaly

14.6299, 14.4153, 3.6015

Tritanomaly

15.8390, 14.2199, 8.9311

Monochromacy



Original Color

14.6921, 14.3040, 3.5767

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.0659, 13.6302, 9.1500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6921, 14.3040, 3.5767 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(134, 100, 35)` looks like.

```
.text, #text, p{  
    color:rgb(134, 100, 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(134, 100, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 100, 35) }
```

Border

The CSS property to change the border of an element to XYZ 14.6921, 14.3040, 3.5767 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(134, 100, 35) }
```


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

```
.border{ border-color:rgb(134, 100, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 100, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 100, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 100, 35);  
box-shadow:4px 4px 4px 4px rgb(134, 100,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6921, 14.3040, 3.5767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 100, 35) }
```

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

```
.background{ background-color: rgb(134,  
100, 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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