

Converting Colors

XYZ(17.0200, 14.2119, 2.9161)

Have a look what the booklet for
XYZ(17.0200, 14.2119, 2.9161)
contains.

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Color

**XYZ(17.0026, 14.1685,
2.9373)**

Conversions

Conversions Part 1

Format	Color
Hex	995A1C
RGB	153, 90, 28
RGB Percent	60%, 35%, 11%
CMY	0.4000, 0.6470, 0.8902
CMYK	0.00, 0.41, 0.82, 0.40
HSL	30°, 69%, 35%
HSV	30°, 82%, 60%
XYZ	17.0026, 14.1685, 2.9373
YIQ	101.7690, 57.4500, -5.9260

Conversions

Conversions Part 2

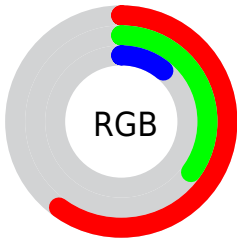
Format	Color
RYB	153, 151, 28
Decimal	10050076
CIELab	44.47, 21.07, 44.28
CIELCh	44, 49.037, 64.559
Yxy	14.1685, 0.4985, 0.4154
Android (android.graphics.Color)	4288240156 (0xFF995A1C)
YUV	101.7690, -36.3681, 44.9296
Hunter-Lab	37.6411, 14.7572, 21.7221

Details

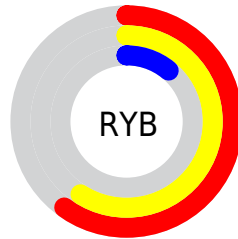
The XYZ color **17.0026, 14.1685, 2.9373** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.9695, 10.0284, 31.5468**, and the grayscale version is **12.6508, 13.3096, 14.4942**.

A 20% lighter version of the original color is **37.8690, 33.2890, 11.4507**, and **5.7936, 4.2691, 0.5187** is the 20% darker color. If you saturate the color by 10%, you get **16.2470, 12.8796, 2.0005**, and if you desaturate by 10%, it is **17.9194, 15.6311, 4.3874**.

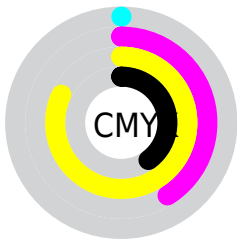
Distribution



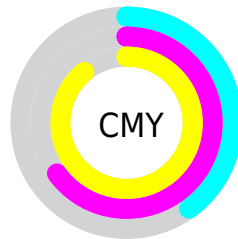
- Red (60%)
- Green (35%)
- Blue (11%)



- Red (60%)
- Yellow (59%)
- Blue (11%)



- Cyan (0%)
- Magenta (41%)
- Yellow (82%)
- Black (40%)



- Cyan (40%)
- Magenta (65%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0026, 14.1685, 2.9373 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 17.0026, 14.1685, 2.9373 by changing the saturation by 10% instead.

■ 17.0026, 14.1685,
2.9373

■ 17.0026, 14.1685,
2.9373

228.3433,
218.2766, 135.5580

■ 10.3317, 8.2380,
1.0627

■ 37.8738, 33.3877,
11.4733

■ 5.6834, 4.2476,
0.0000

■ 52.8048, 47.4452,
18.9718

■ 2.6923, 1.8130,
0.0000

■ 71.2198, 64.9804,
29.1821

■ 0.9932, 0.4953,
0.0000

■ 93.4843, 86.3777,
42.5226

■ 0.0000, 0.0000,
0.0000

■ 119.9635,
112.0216, 59.4119

■ 151.0228,

142.2965, 80.2685

187.0277,
177.5867, 105.5111

17.0026, 14.1685,
2.9373

17.0026, 14.1685,
2.9373

16.2470, 12.8796,
2.0005

17.9194, 15.6311,
4.3874

15.7137, 11.9263,
1.4738

19.0109, 17.2741,
6.4161

20.2899, 19.1061,
9.0798

21.7672, 21.1346,
12.4279

23.4532, 23.3663,
16.5049

■ 25.3569, 25.8076,
21.3513

■ 27.4872, 28.4647,
27.0048

■ 29.8522, 31.3432,
33.5006

■ 32.4595, 34.4488,
40.8716

Harmonies

Analogous

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



20.7457, 14.1685, 6.0809



17.0026, 14.1685, 2.9373



12.8716, 14.1685, 2.3120

Triad

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



17.0026, 14.1685, 2.9373



7.2224, 14.1685, 17.2229



18.2545, 14.1685, 41.1923

Complementary

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



17.0026, 14.1685, 2.9373



9.9695, 10.0284, 31.5468

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.



14.0800, 14.1685, 48.8872



17.0026, 14.1685, 2.9373



8.1272, 14.1685, 31.3616

Square

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



17.0026, 14.1685, 2.9373



7.7034, 14.1685, 7.8385



10.4586, 14.1685, 44.6130



21.5620, 14.1685, 26.7939

Rectangle

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



17.0026, 14.1685, 2.9373



10.5483, 14.1685, 2.8907



10.4586, 14.1685, 44.6130



16.8791, 14.1685, 44.9008

Sweetspot

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



17.0029, 14.1692, 2.9376



44.0707, 44.5144, 34.7764



15.5094, 8.3858, 11.0608



9.4908, 9.5205, 7.0683



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.0029, 14.1692, 2.9376



28.1697, 21.3797, 2.7562



24.3994, 28.9622, 5.4031



6.4492, 6.7034, 6.5598



13.0207, 9.9237, 1.2292



0.2310, 0.2210, 0.0305

Inverse Universe

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



9.9695, 10.0284, 31.5468



15.1192, 13.6891, 55.8174



6.6951, 3.4797, 30.4554



6.1288, 6.5150, 7.8635



6.9851, 6.3669, 25.7685



0.1408, 0.1679, 0.3974

Previews

White Background



This preview shows how the XYZ color 17.0026, 14.1685, 2.9373 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 17.0026, 14.1685, 2.9373 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 17.0026, 14.1685, 2.9373

Background



This preview shows how black text looks on a background with the XYZ color 17.0026, 14.1685, 2.9373.



This preview shows how white text looks on a background with the XYZ color 17.0026, 14.1685,

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

17.0026, 14.1685, 2.9373

Protanopia

12.8860, 14.2639, 3.4405

Deuteranopia

14.3847, 14.1628, 2.7861



Tritanopia

18.7261, 14.1468, 11.4165

Trichromacy



Original Color

17.0026, 14.1685, 2.9373

Protanomaly

14.1646, 14.0386, 3.2595

Deuteranomaly

15.1736, 14.0114, 2.8244

Tritanomaly

17.8585, 14.0294, 7.0769

Monochromacy



Original Color

17.0026, 14.1685, 2.9373

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.5228, 13.3083, 8.5126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0026, 14.1685, 2.9373 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(153, 90, 28)` looks like.

```
.text, #text, p{  
    color:rgb(153, 90, 28)  
}
```

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(153, 90, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 90, 28) }
```

Border

The CSS property to change the border of an element to XYZ 17.0026, 14.1685, 2.9373 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(153, 90, 28) }
```


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

```
.border{ border-color:rgb(153, 90, 28) }
```

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

Here you see how a box with a 4 pixel rgb(153, 90, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 90, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 90, 28);  
box-shadow:4px 4px 4px 4px rgb(153, 90,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0026, 14.1685, 2.9373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 90, 28) }
```

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

```
.background{ background-color: rgb(153, 90,  
28) }
```

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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