

Converting Colors

XYZ(17.2887, 14.3538, 1.8594)

Have a look what the booklet for
XYZ(17.2887, 14.3538, 1.8594)
contains.

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Color

**XYZ(17.3665, 14.3802,
1.8604)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5A00
RGB	156, 90, 0
RGB Percent	61%, 35%, 0%
CMY	0.3882, 0.6470, 1.0000
CMYK	0.00, 0.42, 1.00, 0.39
HSL	35°, 100%, 31%
HSV	35°, 100%, 61%
XYZ	17.3665, 14.3802, 1.8604
YIQ	99.4740, 68.2260, -13.9980

Conversions

Conversions Part 2

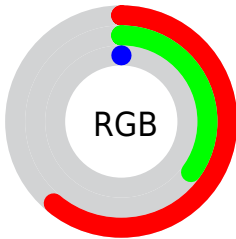
Format	Color
RYB	114, 156, 0
Decimal	10246656
CIELab	44.77, 21.77, 53.27
CIELCh	45, 57.546, 67.772
Yxy	14.3802, 0.5168, 0.4279
Android (android.graphics.Color)	4288436736 (0xFF9C5A00)
YUV	99.4740, -49.0407, 49.5733
Hunter-Lab	37.9212, 15.3841, 23.6361

Details

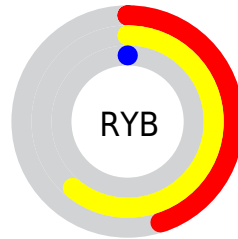
The XYZ color **17.3665, 14.3802, 1.8604** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.9491, 6.2970, 32.2489**, and the grayscale version is **12.0883, 12.7178, 13.8497**.

A 20% lighter version of the original color is **38.4864, 33.6709, 8.6083**, and **5.9377, 4.3980, 0.5360** is the 20% darker color. If you saturate the color by 10%, you get **17.3666, 14.3805, 1.8604**, and if you desaturate by 10%, it is **18.0391, 15.5805, 2.5315**.

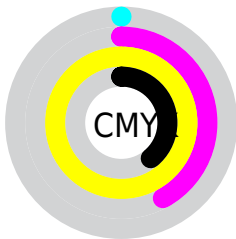
Distribution



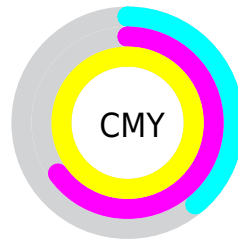
- Red (61%)
- Green (35%)
- Blue (0%)



- Red (45%)
- Yellow (61%)
- Blue (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (100%)
- Black (39%)



- Cyan (39%)
- Magenta (65%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3665, 14.3802, 1.8604 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 17.3665, 14.3802, 1.8604 by changing the saturation by 10% instead.

■ 17.3665, 14.3802,
1.8604

■ 17.3665, 14.3802,
1.8604

■ 230.3909,
219.5834, 120.1700

■ 10.5931, 8.3856,
0.4674

■ 38.4935, 33.7621,
8.6555

■ 5.8592, 4.3426,
0.0000

■ 53.5777, 47.9182,
14.9751

■ 2.7995, 1.8670,
0.0000

■ 72.1629, 65.5636,
23.8009

■ 1.0486, 0.5284,
0.0000

■ 94.6144, 87.0826,
35.5512


■ 0.0000, 0.0000,
0.0000


■ 121.2976,
112.8597, 50.6448


■ 152.5779,


143.2793, 69.5001


 188.8205,
178.7257, 92.5356


 17.3665, 14.3802,
1.8604


 17.3665, 14.3802,
1.8604


 17.3666, 14.3805,
1.8604

 18.0391, 15.5805,
2.5315

 18.8309, 16.9090,
3.5819

 19.7742, 18.3811,
5.1746

 20.8830, 20.0042,
7.3767

 22.1690, 21.7848,
10.2454

■ 23.6430, 23.7289,
13.8313

■ 25.3145, 25.8420,
18.1801

■ 27.1924, 28.1294,
23.3335

■ 29.2852, 30.5959,
29.3304

Harmonies

Analogous

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



22.0960, 14.3802, 4.5757



17.3665, 14.3802, 1.8604



12.4857, 14.3802, 1.4832

Triad

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



17.3665, 14.3802, 1.8604



6.5447, 14.3802, 19.4117



19.9610, 14.3802, 46.1824

Complementary

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



17.3665, 14.3802, 1.8604



7.9491, 6.2970, 32.2489

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.



14.9226, 14.3802, 57.6493



17.3665, 14.3802, 1.8604



7.7126, 14.3802, 37.3705

Square

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



17.3665, 14.3802, 1.8604



6.9104, 14.3802, 7.7858



10.5357, 14.3802, 53.7353



23.8168, 14.3802, 27.5844

Rectangle

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



17.3665, 14.3802, 1.8604



9.8858, 14.3802, 2.1271



10.5357, 14.3802, 53.7353



18.3094, 14.3802, 51.3716

Sweetspot

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



17.3668, 14.3810, 1.8607



45.7866, 46.6984, 32.5077



14.7417, 7.4806, 6.0725



9.8068, 9.9398, 6.4454



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.3668, 14.3810, 1.8607



31.3444, 25.7224, 3.3129



23.6716, 29.8513, 4.5144



6.9348, 7.2496, 7.0195



14.3396, 11.9148, 1.5440



0.2977, 0.2957, 0.0414

Inverse Universe

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



7.9491, 6.2970, 32.2489



14.2513, 11.0641, 58.5112



6.1311, 2.4676, 31.6055



6.5039, 6.8735, 8.3906



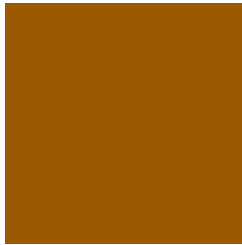
6.5804, 5.2524, 26.5742



0.1586, 0.1759, 0.4888

Previews

White Background



This preview shows how the XYZ color 17.3665, 14.3802, 1.8604 looks on a white background.

Color Contrast Check

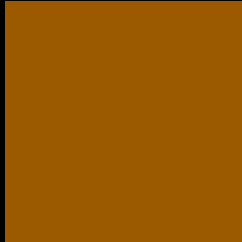
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3665, 14.3802, 1.8604 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 17.3665, 14.3802, 1.8604

Background



This preview shows how black text looks on a background with the XYZ color 17.3665, 14.3802, 1.8604.



This preview shows how white text looks on a background with the XYZ color 17.3665, 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

17.3665, 14.3802, 1.8604

Protanopia

13.0698, 14.5350, 2.4645

Deuteranopia

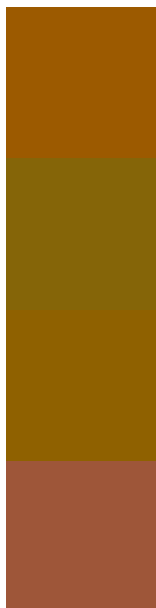
14.6454, 14.4583, 2.0188



Tritanopia

19.3139, 14.4498, 11.4440

Trichromacy



Original Color

17.3665, 14.3802, 1.8604

Protanomaly

14.3704, 14.3114, 2.2347

Deuteranomaly

15.6024, 14.3890, 1.9550

Tritanomaly

18.1669, 14.2201, 5.6581

Monochromacy



Original Color

17.3665, 14.3802, 1.8604

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.8258, 12.7177, 6.4814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3665, 14.3802, 1.8604 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(156, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 90, 0)  
}
```

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(156, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 90, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3665, 14.3802, 1.8604 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(156, 90, 0) }
```


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

```
.border{ border-color:rgb(156, 90, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 90, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3665, 14.3802, 1.8604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 90, 0) }
```

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

```
.background{ background-color: rgb(156, 90,  
0) }
```

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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