

Converting Colors

XYZ(19.0432, 14.8194, 1.8567)

Have a look what the booklet for
XYZ(19.0432, 14.8194, 1.8567)
contains.

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Color

**XYZ(19.1341, 14.9234,
1.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	A65700
RGB	166, 87, 0
RGB Percent	65%, 34%, 0%
CMY	0.3490, 0.6588, 1.0000
CMYK	0.00, 0.48, 1.00, 0.35
HSL	31°, 100%, 33%
HSV	31°, 100%, 65%
XYZ	19.1341, 14.9234, 1.8720
YIQ	100.7030, 75.0110, -10.3090

Conversions

Conversions Part 2

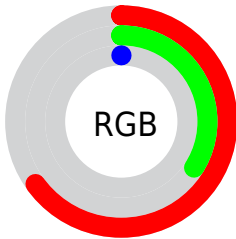
Format	Color
RYB	151, 166, 0
Decimal	10901248
CIELab	45.53, 27.83, 54.47
CIELCh	46, 61.163, 62.936
Yxy	14.9234, 0.5325, 0.4154
Android (android.graphics.Color)	4289091328 (0xFFA65700)
YUV	100.7030, -49.6466, 57.2655
Hunter-Lab	38.6308, 20.8083, 24.1685

Details

The XYZ color **19.1341, 14.9234, 1.8720** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.6787, 8.3448, 37.1767**, and the grayscale version is **12.4039, 13.0499, 14.2113**.

A 20% lighter version of the original color is **41.5564, 34.8236, 8.6690**, and **6.8222, 4.6434, 0.5367** is the 20% darker color. If you saturate the color by 10%, you get **19.1343, 14.9239, 1.8721**, and if you desaturate by 10%, it is **19.9075, 16.3135, 2.6138**.

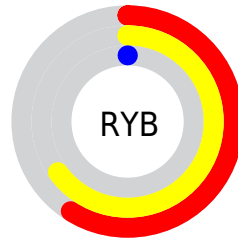
Distribution



Red (65%)

Green (34%)

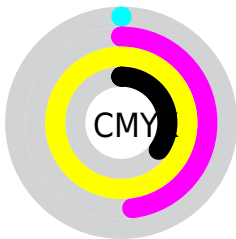
Blue (0%)



Red (59%)

Yellow (65%)

Blue (0%)

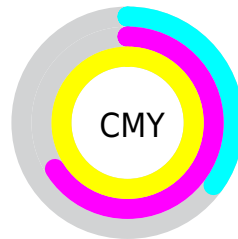


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1341, 14.9234, 1.8720 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 19.1341, 14.9234, 1.8720 by changing the saturation by 10% instead.

■ 19.1341, 14.9234,
1.8720

■ 19.1341, 14.9234,
1.8720

■ 240.1120,
222.9021, 120.3564

■ 11.8718, 8.7656,
0.4748

■ 41.4757, 34.7187,
8.6878

■ 6.7280, 4.5886,
0.0000

■ 57.2857, 49.1251,
15.0217

■ 3.3374, 2.0080,
0.0000

■ 76.6756, 67.0498,
23.8642

■ 1.3346, 0.6121,
0.0000

■ 100.0109, 88.8773,
35.6341

■ 0.2089, 0.0000,
0.0000


■ 127.6568,
114.9918, 50.7496


■ 0.0000, 0.0000,
0.0000


■ 159.9787,


145.7779, 69.6295


 197.3420,
181.6198, 92.6923


 19.1341, 14.9234,
1.8720


 19.1341, 14.9234,
1.8720


 19.1343, 14.9239,
1.8721

 19.9075, 16.3135,
2.6138

 20.8340, 17.8795,
3.8068

 21.9495, 19.6399,
5.6294

 23.2708, 21.6046,
8.1604

 24.8126, 23.7823,
11.4669

■ 26.5877, 26.1811,
15.6082

■ 28.6080, 28.8087,
20.6378

■ 30.8844, 31.6721,
26.6045

■ 33.4270, 34.7781,
33.5537

Harmonies

Analogous

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



24.1175, 14.9234, 5.2578



19.1341, 14.9234, 1.8720



13.6875, 14.9234, 1.2404

Triad

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



19.1341, 14.9234, 1.8720



6.4676, 14.9234, 17.7316



20.2168, 14.9234, 53.0917

Complementary

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



19.1341, 14.9234, 1.8720



9.6787, 8.3448, 37.1767

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.



14.6929, 14.9234, 63.5803



19.1341, 14.9234, 1.8720



7.4393, 14.9234, 36.8204

Square

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



19.1341, 14.9234, 1.8720



7.1172, 14.9234, 6.5228



10.1714, 14.9234, 56.3250



24.8406, 14.9234, 32.6841

Rectangle

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



19.1341, 14.9234, 1.8720



10.6933, 14.9234, 1.6767



10.1714, 14.9234, 56.3250



18.3626, 14.9234, 58.3074

Sweetspot

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



19.1344, 14.9242, 1.8723



51.7041, 52.0075, 36.9012



17.1825, 8.6897, 8.4066



11.2276, 11.1961, 7.3928



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.1344, 14.9242, 1.8723



34.5137, 26.6587, 3.3266



28.7881, 35.0834, 5.2546



7.8442, 8.1685, 7.9525



14.8849, 11.6670, 1.4674



0.4129, 0.3853, 0.0526

Inverse Universe

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



9.6787, 8.3448, 37.1767



17.3567, 14.7265, 67.4030



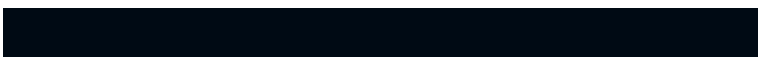
6.9176, 2.7711, 36.2464



7.4152, 7.8674, 9.5461



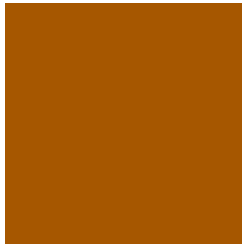
7.5515, 6.5633, 28.8443



0.2352, 0.2627, 0.7190

Previews

White Background



This preview shows how the XYZ color 19.1341, 14.9234, 1.8720 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



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 19.1341, 14.9234, 1.8720

Background



This preview shows how black text looks on a background with the XYZ color 19.1341, 14.9234, 1.8720.



This preview shows how white text looks on a background with the XYZ color 19.1341, 14.9234,

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

19.1341, 14.9234, 1.8720

Protanopia

13.5739, 15.1066, 2.6159

Deuteranopia

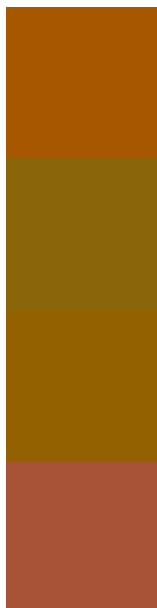
15.1668, 15.0189, 2.0996



Tritanopia

21.0249, 15.0080, 10.8055

Trichromacy



Original Color

19.1341, 14.9234, 1.8720

Protanomaly

15.1842, 14.7304, 2.3014

Deuteranomaly

16.4874, 14.8453, 1.9964

Tritanomaly

19.9313, 14.7872, 5.4181

Monochromacy



Original Color

19.1341, 14.9234, 1.8720

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.5657, 13.0959, 6.6633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1341, 14.9234, 1.8720 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(166, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 87, 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(166, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 87, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.1341, 14.9234, 1.8720 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(166, 87, 0) }
```


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

```
.border{ border-color:rgb(166, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(166, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 87, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.1341, 14.9234, 1.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 87, 0) }
```

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

```
.background{ background-color: rgb(166, 87,  
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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