

Converting Colors

XYZ(19.2743, 14.7490, 1.8310)

Have a look what the booklet for
XYZ(19.2743, 14.7490, 1.8310)
contains.

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Color

**XYZ(19.1848, 14.7125,
1.8286)**

Conversions

Conversions Part 1

Format	Color
Hex	A75500
RGB	167, 85, 0
RGB Percent	65%, 33%, 0%
CMY	0.3451, 0.6666, 1.0000
CMYK	0.00, 0.49, 1.00, 0.35
HSL	31°, 100%, 33%
HSV	31°, 100%, 65%
XYZ	19.1848, 14.7125, 1.8286
YIQ	99.8280, 76.1570, -9.0510

Conversions

Conversions Part 2

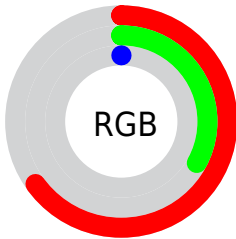
Format	Color
RYB	161, 167, 0
Decimal	10966272
CIELab	45.24, 29.34, 54.37
CIElCh	45, 61.778, 61.643
Yxy	14.7125, 0.5370, 0.4118
Android (android.graphics.Color)	4289156352 (0xFFA75500)
YUV	99.8280, -49.2152, 58.9098
Hunter-Lab	38.3569, 22.1551, 24.0233

Details

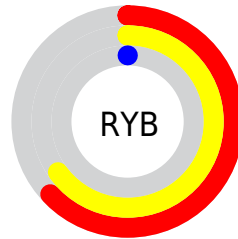
The XYZ color **19.1848, 14.7125, 1.8286** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **9.9920, 8.8239, 37.7353**, and the grayscale version is **12.1777, 12.8118, 13.9521**.

A 20% lighter version of the original color is **41.5885, 34.4181, 8.5891**, and **6.8459, 4.5113, 0.5099** is the 20% darker color. If you saturate the color by 10%, you get **19.1850, 14.7131, 1.8288**, and if you desaturate by 10%, it is **19.9674, 16.1197, 2.5772**.

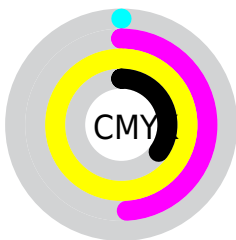
Distribution



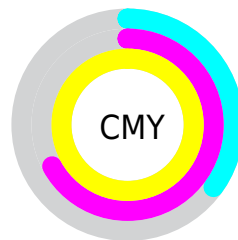
- Red (65%)
- Green (33%)
- Blue (0%)



- Red (63%)
- Yellow (65%)
- Blue (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)
- Black (35%)





- Cyan (35%)
- Magenta (67%)
- Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1848, 14.7125, 1.8286 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 19.1848, 14.7125, 1.8286 by changing the saturation by 10% instead.


 19.1848, 14.7125,
1.8286


 19.1848, 14.7125,
1.8286


 240.3856,
221.6194, 119.6558


 11.9087, 8.6179,
0.4467


 41.5606, 34.3480,
8.5667


 6.7533, 4.4928,
0.0000


 57.3910, 48.6577,
14.8470


 3.3532, 1.9529,
0.0000

 76.8035, 66.4745,
23.6263

 1.3432, 0.5799,
0.0000

 100.1635, 88.1829,
35.3231


 0.2152, 0.0000,
0.0000


 127.8364,
114.1671, 50.3559


 0.0000, 0.0000,
0.0000


 160.1875,


144.8117, 69.1433


 197.5821,
180.5010, 92.1037


 19.1848, 14.7125,
1.8286


 19.1848, 14.7125,
1.8286


 19.1850, 14.7131,
1.8288

 19.9674, 16.1197,
2.5772

 20.9094, 17.7136,
3.7856

 22.0474, 19.5132,
5.6336

 23.3987, 21.5289,
8.2014

 24.9782, 23.7702,
11.5572

■ 26.7993, 26.2456,
15.7613

■ 28.8742, 28.9633,
20.8680

■ 31.2141, 31.9306,
26.9269

■ 33.8294, 35.1549,
33.9842

Harmonies

Analogous

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



24.1188, 14.7125, 5.3321



19.1848, 14.7125, 1.8286



13.7041, 14.7125, 1.1460

Triad

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



19.1848, 14.7125, 1.8286



6.2863, 14.7125, 16.8395



19.7933, 14.7125, 53.8633

Complementary

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



19.1848, 14.7125, 1.8286



9.9920, 8.8239, 37.7353

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.



14.2673, 14.7125, 63.7724



19.1848, 14.7125, 1.8286



7.1798, 14.7125, 35.7638

Square

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



19.1848, 14.7125, 1.8286



7.0008, 14.7125, 6.0315



9.8196, 14.7125, 55.6936



24.5260, 14.7125, 33.4305

Rectangle

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



19.1848, 14.7125, 1.8286



10.6660, 14.7125, 1.5203



9.8196, 14.7125, 55.6936



17.9268, 14.7125, 58.9487

Sweetspot

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



19.1851, 14.7133, 1.8289



51.4981, 51.5956, 36.8325



17.5169, 8.8477, 9.0699



11.1769, 11.0948, 7.3759



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.



19.1851, 14.7133, 1.8289



34.1524, 25.9363, 3.2062



29.7547, 35.8525, 5.3521



7.8349, 8.1499, 7.9494



14.7300, 11.3572, 1.4158



0.4094, 0.3784, 0.0515

Inverse Universe

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



9.9920, 8.8239, 37.7353



17.6895, 15.3919, 67.5139



6.9750, 2.7901, 36.7297



7.4245, 7.8859, 9.5492



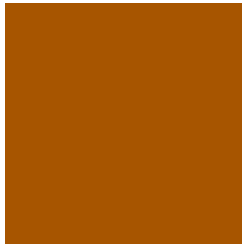
7.6948, 6.8499, 28.8921



0.2386, 0.2694, 0.7201

Previews

White Background



This preview shows how the XYZ color 19.1848, 14.7125, 1.8286 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 19.1848, 14.7125, 1.8286 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 19.1848, 14.7125, 1.8286

Background



This preview shows how black text looks on a background with the XYZ color 19.1848, 14.7125, 1.8286.



This preview shows how white text looks on a background with the XYZ color 19.1848, 14.7125,

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

19.1848, 14.7125, 1.8286

Protanopia

13.4679, 14.8944, 2.5805

Deuteranopia

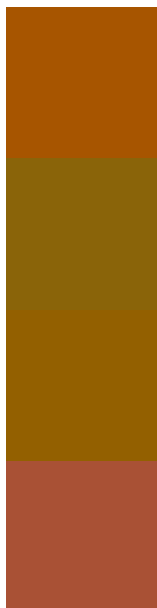
14.9047, 14.7370, 2.0590



Tritanopia

20.9738, 14.7781, 10.1345

Trichromacy



Original Color

19.1848, 14.7125, 1.8286

Protanomaly

15.0877, 14.5373, 2.2692

Deuteranomaly

16.2155, 14.5688, 1.9574

Tritanomaly

19.9472, 14.5769, 5.1305

Monochromacy



Original Color

19.1848, 14.7125, 1.8286

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.3298, 12.8397, 6.6262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1848, 14.7125, 1.8286 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(167, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(167, 85, 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(167, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 85, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.1848, 14.7125, 1.8286 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(167, 85, 0) }
```


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

```
.border{ border-color:rgb(167, 85, 0) }
```

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

Here you see how a box with a 4 pixel rgb(167, 85, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(167, 85, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 19.1848, 14.7125, 1.8286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 85, 0) }
```

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

```
.background{ background-color: rgb(167, 85,  
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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