

Converting Colors

XYZ(19.3106, 14.4173, 2.5241)

Have a look what the booklet for
XYZ(19.3106, 14.4173, 2.5241)
contains.

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Color

**XYZ(19.3106, 14.4173,
2.5241)**

Conversions

Conversions Part 1

Format	Color
Hex	A85216
RGB	168, 82, 22
RGB Percent	66%, 32%, 9%
CMY	0.3412, 0.6784, 0.9137
CMYK	0.00, 0.51, 0.87, 0.34
HSL	25°, 77%, 37%
HSV	25°, 87%, 66%
XYZ	19.3106, 14.4173, 2.5241
YIQ	100.8740, 70.5160, -0.4280

Conversions

Conversions Part 2

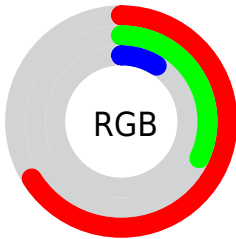
Format	Color
R_{YB}	168, 124, 22
Decimal	11031062
CIE _{Lab}	44.83, 31.76, 47.84
CIE _{LCh}	45, 57.426, 56.424
Yxy	14.4173, 0.5327, 0.3977
Android (android.graphics.Color)	4289221142 (0xFFA85216)
YUV	100.8740, -38.8849, 58.8695
Hunter-Lab	37.9701, 24.3327, 22.6377

Details

The XYZ color **19.3106, 14.4173, 2.5241** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **12.7611, 13.7223, 39.0218**, and the grayscale version is **12.4220, 13.0689, 14.2320**.

A 20% lighter version of the original color is **41.8703, 33.9010, 10.4676**, and **6.8787, 4.3953, 0.4858** is the 20% darker color. If you saturate the color by 10%, you get **18.5014, 12.9851, 1.6806**, and if you desaturate by 10%, it is **20.3299, 16.1070, 3.9398**.

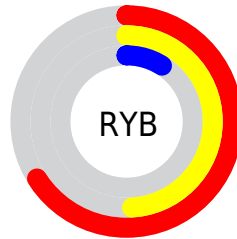
Distribution



Red (66%)

Green (32%)

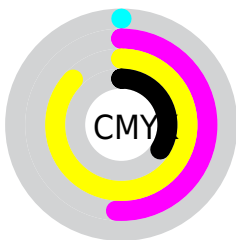
Blue (9%)



Red (66%)

Yellow (49%)

Blue (9%)

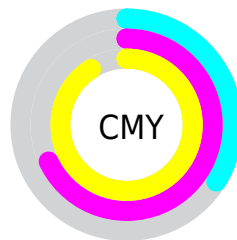


Cyan (0%)

Magenta (51%)

Yellow (87%)

Black (34%)



Cyan (34%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3106, 14.4173, 2.5241 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 19.3106, 14.4173, 2.5241 by changing the saturation by 10% instead.

■ 19.3106, 14.4173,
2.5241

■ 19.3106, 14.4173,
2.5241

241.0635,
219.8116, 130.0473

■ 12.0003, 8.4115,
0.8529

■ 41.7711, 33.8277,
10.4296

■ 6.8161, 4.3594,
0.0000

■ 57.6520, 48.0010,
17.5053

■ 3.3926, 1.8765,
0.0000

■ 77.1204, 65.6656,
27.2209

■ 1.3646, 0.5342,
0.0000

■ 100.5418, 87.2058,
39.9950


■ 0.2308, 0.0000,
0.0000


■ 128.2814,
113.0062, 56.2461


■ 0.0000, 0.0000,
0.0000


■ 160.7047,


143.4510, 76.3929


 198.1769,
178.9247, 100.8537


 19.3106, 14.4173,
2.5241


 19.3106, 14.4173,
2.5241


 18.5014, 12.9851,
1.6806


 20.3299, 16.1070,
3.9398

 18.2793, 12.5866,
1.4660

 21.5839, 18.0691,
6.0407

 23.0914, 20.3183,
8.9047

 24.8690, 22.8673,
12.5989

 26.9313, 25.7279,
17.1828

■ 29.2919, 28.9113,
22.7106

■ 31.9634, 32.4278,
29.2320

■ 34.9576, 36.2875,
36.7931

■ 38.2858, 40.4998,
45.4372

Harmonies

Analogous

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



23.4520, 14.4173, 6.7914



19.3106, 14.4173, 2.5241



14.2725, 14.4173, 1.4639

Triad

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



19.3106, 14.4173, 2.5241



6.5378, 14.4173, 14.1439



18.1136, 14.4173, 51.9675

Complementary

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



19.3106, 14.4173, 2.5241



12.7611, 13.7223, 39.0218

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.



13.1492, 14.4173, 58.0644



19.3106, 14.4173, 2.5241



7.1178, 14.4173, 30.1976

Square

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



19.3106, 14.4173, 2.5241



7.4869, 14.4173, 5.3192



9.3023, 14.4173, 48.4761



22.6576, 14.4173, 34.7148

Rectangle

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



19.3106, 14.4173, 2.5241



11.3117, 14.4173, 1.6798



9.3023, 14.4173, 48.4761



16.4101, 14.4173, 55.7005

Sweetspot

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



19.3109, 14.4181, 2.5243



53.3495, 52.7234, 41.6788



19.2281, 10.0158, 15.5580



11.3045, 11.0595, 8.3143



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.



19.3109, 14.4181, 2.5243



32.9708, 22.4407, 2.5937



27.7501, 31.2964, 5.3374



7.7749, 8.0298, 7.9294



13.8519, 9.6011, 1.1231



0.3877, 0.3350, 0.0442

Inverse Universe

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



12.7611, 13.7223, 39.0218



20.6985, 20.8759, 70.1636



8.0480, 4.2963, 37.4508



7.4852, 8.0072, 9.5694



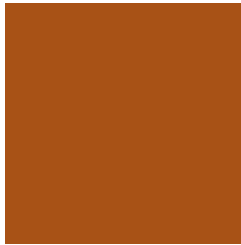
8.7549, 8.9700, 29.2454



0.2615, 0.3153, 0.7277

Previews

White Background



This preview shows how the XYZ color 19.3106, 14.4173, 2.5241 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 19.3106, 14.4173, 2.5241 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 19.3106, 14.4173, 2.5241

Background



This preview shows how black text looks on a background with the XYZ color 19.3106, 14.4173, 2.5241.



This preview shows how white text looks on a background with the XYZ color 19.3106, 14.4173,

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

19.3106, 14.4173, 2.5241

Protanopia

13.2130, 14.5923, 3.2188

Deuteranopia

14.6782, 14.4714, 2.1919



Tritanopia

20.7544, 14.4630, 9.6804

Trichromacy



Original Color

19.3106, 14.4173, 2.5241

Protanomaly

14.8707, 14.1283, 2.9205

Deuteranomaly

16.1017, 14.2350, 2.2468

Tritanomaly

19.9738, 14.3532, 5.9927

Monochromacy



Original Color

19.3106, 14.4173, 2.5241

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.6298, 12.8333, 7.8896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3106, 14.4173, 2.5241 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(168, 82, 22)` looks like.

```
.text, #text, p{  
    color:rgb(168, 82, 22)  
}
```

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(168, 82, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 82, 22) }
```

Border

The CSS property to change the border of an element to XYZ 19.3106, 14.4173, 2.5241 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(168, 82, 22) }
```


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

```
.border{ border-color:rgb(168, 82, 22) }
```

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

Here you see how a box with a 4 pixel rgb(168, 82, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 82, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 82, 22);  
box-shadow:4px 4px 4px 4px rgb(168, 82,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3106, 14.4173, 2.5241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 82, 22) }
```

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

```
.background{ background-color: rgb(168, 82,  
22) }
```

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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