

Converting Colors

XYZ(19.2172, 14.3427, 4.2866)

Have a look what the booklet for
XYZ(19.2172, 14.3427, 4.2866)
contains.

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Color

**XYZ(19.2168, 14.3310,
4.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	A6522D
RGB	166, 82, 45
RGB Percent	65%, 32%, 18%
CMY	0.3490, 0.6784, 0.8235
CMYK	0.00, 0.51, 0.73, 0.35
HSL	18°, 57%, 41%
HSV	18°, 73%, 65%
XYZ	19.2168, 14.3310, 4.2360
YIQ	102.8980, 61.9410, 6.3010

Conversions

Conversions Part 2

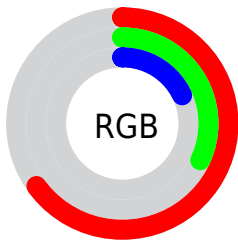
Format	Color
R_{YB}	166, 98, 45
Decimal	10900013
CIE _{Lab}	44.70, 31.81, 36.89
CIE _{LCh}	45, 48.711, 49.235
Yxy	14.3310, 0.5086, 0.3793
Android (android.graphics.Color)	4289090093 (0xFFA6522D)
YUV	102.8980, -28.5437, 55.3405
Hunter-Lab	37.8563, 24.3625, 19.8651

Details

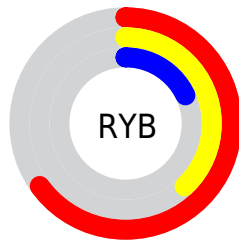
The XYZ color **19.2168, 14.3310, 4.2360** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.8148, 19.0105, 38.9119**, and the grayscale version is **12.9272, 13.6004, 14.8108**.

A 20% lighter version of the original color is **41.7273, 33.7341, 14.6680**, and **6.7564, 4.3322, 0.4801** is the 20% darker color. If you saturate the color by 10%, you get **18.1606, 12.6336, 2.6053**, and if you desaturate by 10%, it is **20.5453, 16.3722, 6.5776**.

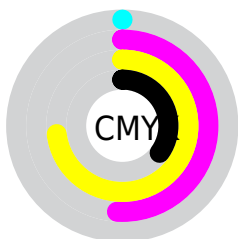
Distribution



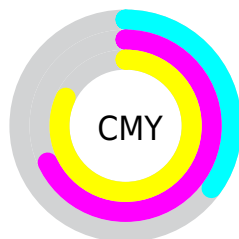
- Red (65%)
- Green (32%)
- Blue (18%)



- Red (65%)
- Yellow (38%)
- Blue (18%)



- Cyan (0%)
- Magenta (51%)
- Yellow (73%)
- Black (35%)





- Cyan (35%)
- Magenta (68%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.2168, 14.3310, 4.2360 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 19.2168, 14.3310, 4.2360 by changing the saturation by 10% instead.


 19.2168, 14.3310,
4.2360

 19.2168, 14.3310,
4.2360


240.5582,
219.2804, 150.8135


 11.9320, 8.3512,
1.7557


 41.6142, 33.6752,
14.5505


 6.7692, 4.3205,
0.3985


 57.4574, 47.8084,
23.2217

 3.3632, 1.8544,
0.0000

 76.8842, 65.4283,
34.7937

 1.3486, 0.5208,
0.0000

 100.2598, 86.9191,
49.6850

 0.2192, 0.0000,
0.0000

 127.9497,
112.6653, 68.3140

 0.0000, 0.0000,
0.0000

 160.3191,

143.0514, 91.0994

197.7335,
178.4616, 118.4597

■ 19.2168, 14.3310,
4.2360

■ 19.2168, 14.3310,
4.2360

■ 18.1606, 12.6336,
2.6053

■ 20.5453, 16.3722,
6.5776

■ 17.3527, 11.2567,
1.5997

■ 22.1650, 18.7736,
9.7011

■ 16.8994, 10.4542,
1.1272

■ 24.0942, 21.5534,
13.6695

■ 26.3492, 24.7276,
18.5392

■ 28.9451, 28.3113,
24.3616

■ 31.8959, 32.3190,
31.1843

■ 35.2150, 36.7641,
39.0515

■ 38.9148, 41.6596,
48.0050

■ 43.0075, 47.0180,
58.0841

Harmonies

Analogous

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



22.1404, 14.3310, 9.4708



19.2168, 14.3310, 4.2360



15.0921, 14.3310, 2.4952

Triad

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



19.2168, 14.3310, 4.2360



7.4312, 14.3310, 11.8780



16.2842, 14.3310, 46.5383

Complementary

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



19.2168, 14.3310, 4.2360



15.8148, 19.0105, 38.9119

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.



12.2491, 14.3310, 48.2852



19.2168, 14.3310, 4.2360



7.6270, 14.3310, 23.9382

Square

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



19.2168, 14.3310, 4.2360



8.6336, 14.3310, 5.2633



9.2332, 14.3310, 38.6054



20.2335, 14.3310, 34.5913

Rectangle

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



19.2168, 14.3310, 4.2360



12.4365, 14.3310, 2.4655



9.2332, 14.3310, 38.6054



14.8789, 14.3310, 48.5001

Sweetspot

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



19.2171, 14.3318, 4.2362



52.7760, 51.7154, 44.7686



20.6734, 11.5875, 22.1607



11.5218, 11.1775, 9.3625



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.



19.2171, 14.3318, 4.2362



32.0683, 21.4293, 3.5559



25.8427, 27.5829, 6.4448



7.7113, 7.9026, 7.9082



13.1419, 8.1810, 0.8864



0.3644, 0.2884, 0.0365

Inverse Universe

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



15.8148, 19.0105, 38.9119



25.3877, 30.0702, 69.9413



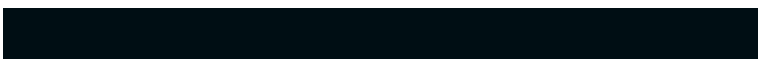
10.1057, 7.5921, 37.0089



7.5511, 8.1390, 9.5913



10.1548, 11.7698, 29.7121



0.2891, 0.3704, 0.7369

Previews

White Background



This preview shows how the XYZ color 19.2168, 14.3310, 4.2360 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 19.2168, 14.3310, 4.2360 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 19.2168, 14.3310, 4.2360

Background



This preview shows how black text looks on a background with the XYZ color 19.2168, 14.3310, 4.2360.



This preview shows how white text looks on a background with the XYZ color 19.2168, 14.3310,

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

19.2168, 14.3310, 4.2360

Protanopia

13.2679, 14.4167, 5.4516

Deuteranopia

14.7095, 14.4471, 4.0208



Tritanopia

20.4342, 14.3981, 9.8857

Trichromacy



Original Color

19.2168, 14.3310, 4.2360

Protanomaly

14.8421, 13.9306, 4.9242

Deuteranomaly

16.0977, 14.1923, 4.0814

Tritanomaly

19.8065, 14.2371, 7.3343

Monochromacy



Original Color

19.2168, 14.3310, 4.2360

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.2194, 13.2292, 9.7867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2168, 14.3310, 4.2360 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, 82, 45)` looks like.

```
.text, #text, p{  
    color:rgb(166, 82, 45)  
}
```

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, 82, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 82, 45) }
```

Border

The CSS property to change the border of an element to XYZ 19.2168, 14.3310, 4.2360 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, 82, 45) }
```


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

```
.border{ border-color:rgb(166, 82, 45) }
```

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

Here you see how a box with a 4 pixel rgb(166, 82, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 82, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 82, 45);  
box-shadow:4px 4px 4px 4px rgb(166, 82,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2168, 14.3310, 4.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 82, 45) }
```

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

```
.background{ background-color: rgb(166, 82,  
45) }
```

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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