

Converting Colors

XYZ(19.4337, 17.2086, 2.7493)

Have a look what the booklet for
XYZ(19.4337, 17.2086, 2.7493)
contains.

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Color

**XYZ(19.4337, 17.2086,
2.7493)**

Conversions

Conversions Part 1

Format	Color
Hex	A0670F
RGB	160, 103, 15
RGB Percent	63%, 40%, 6%
CMY	0.3726, 0.5961, 0.9412
CMYK	0.00, 0.36, 0.91, 0.37
HSL	36°, 83%, 34%
HSV	36°, 91%, 63%
XYZ	19.4337, 17.2086, 2.7493
YIQ	110.0110, 62.2200, -15.2840

Conversions

Conversions Part 2

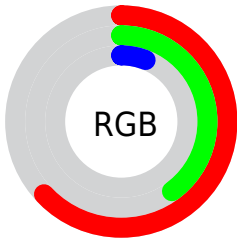
Format	Color
R_{YB}	109, 160, 15
Decimal	10512143
CIE _{Lab}	48.52, 16.45, 52.57
CIE _{LCh}	49, 55.083, 72.624
Yxy	17.2086, 0.4933, 0.4369
Android (android.graphics.Color)	4288702223 (0xFFA0670F)
YUV	110.0110, -46.8404, 43.8404
Hunter-Lab	41.4832, 11.0264, 25.1088

Details

The XYZ color **19.4337, 17.2086, 2.7493** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.8596, 7.2744, 34.1946**, and the grayscale version is **14.9425, 15.7207, 17.1198**.

A 20% lighter version of the original color is **41.8745, 38.6135, 11.0405**, and **7.0077, 5.7119, 0.7332** is the 20% darker color. If you saturate the color by 10%, you get **18.7816, 16.0426, 2.1066**, and if you desaturate by 10%, it is **20.2446, 18.5726, 3.8146**.

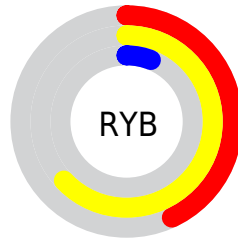
Distribution



Red (63%)

Green (40%)

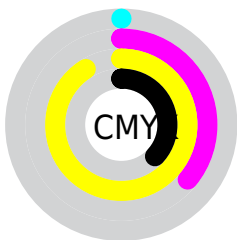
Blue (6%)



Red (43%)

Yellow (63%)

Blue (6%)

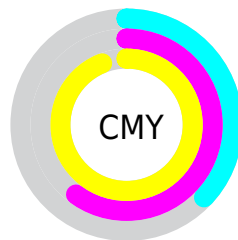


Cyan (0%)

Magenta (36%)

Yellow (91%)

Black (37%)



Cyan (37%)


Magenta (60%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.4337, 17.2086, 2.7493 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 19.4337, 17.2086, 2.7493 by changing the saturation by 10% instead.


 19.4337, 17.2086,
2.7493


 19.4337, 17.2086,
2.7493


241.7251,
236.3716, 133.1006


 12.0899, 10.3833,
0.9681


 41.9769, 38.6841,
11.0033


 6.8776, 5.6539,
0.0000


 57.9071, 54.1031,
18.3132


 3.4313, 2.6358,
0.0000

 77.4301, 73.1555,
28.3030

 1.3857, 0.9447,
0.0000

 100.9112, 96.2256,
41.3913


 0.2460, 0.0000,
0.0000


 128.7160,
123.6979, 57.9967


 0.0000, 0.0000,
0.0000


 161.2096,


155.9567, 78.5377


 198.7576,
193.3865, 103.4328


 19.4337, 17.2086,
2.7493


 19.4337, 17.2086,
2.7493


 18.7816, 16.0426,
2.1066

 20.2446, 18.5726,
3.8146

 21.2078, 20.0738,
5.4467

 22.3384, 21.7203,
7.7185

 23.6489, 23.5188,
10.6913

 25.1505, 25.4751,
14.4193

■ 26.8533, 27.5947,
18.9514

■ 28.7666, 29.8827,
24.3322

■ 30.8990, 32.3440,
30.6031

■ 33.2586, 34.9830,
37.8026

Harmonies

Analogous

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



24.6002, 17.2086, 5.5025



19.4337, 17.2086, 2.7493



14.3228, 17.2086, 2.5865

Triad

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



19.4337, 17.2086, 2.7493



8.5874, 17.2086, 25.5024



23.8598, 17.2086, 47.5856

Complementary

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



19.4337, 17.2086, 2.7493



8.8596, 7.2744, 34.1946

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.



18.5736, 17.2086, 61.1354



19.4337, 17.2086, 2.7493



10.1967, 17.2086, 44.6124

Square

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



19.4337, 17.2086, 2.7493



8.7238, 17.2086, 11.5936



13.6222, 17.2086, 59.8309



27.4952, 17.2086, 28.3392

Rectangle

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



19.4337, 17.2086, 2.7493



11.6562, 17.2086, 3.7122



13.6222, 17.2086, 59.8309



22.1753, 17.2086, 53.3146

Sweetspot

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



19.4341, 17.2095, 2.7496



49.7939, 51.3595, 37.2716



15.8707, 8.2964, 7.0688



10.6886, 10.9828, 7.5336



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.4341, 17.2095, 2.7496



33.9001, 28.7245, 3.7576



24.4223, 31.2412, 5.1951



6.9511, 7.2822, 7.0249



14.6745, 12.5845, 1.6556



0.3027, 0.3057, 0.0430

Inverse Universe

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



8.8596, 7.2744, 34.1946



14.5529, 10.6722, 61.6795



7.0371, 3.1485, 33.4943



6.4879, 6.8416, 8.3853



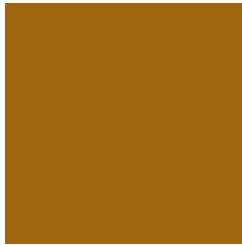
6.3634, 4.8183, 26.5019



0.1537, 0.1659, 0.4872

Previews

White Background



This preview shows how the XYZ color 19.4337, 17.2086, 2.7493 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 19.4337, 17.2086, 2.7493 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 19.4337, 17.2086, 2.7493

Background



This preview shows how black text looks on a background with the XYZ color 19.4337, 17.2086, 2.7493.



This preview shows how white text looks on a background with the XYZ color 19.4337, 17.2086,

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

19.4337, 17.2086, 2.7493

Protanopia

15.5689, 17.2836, 3.1316

Deuteranopia

17.4574, 17.2738, 2.5577



Tritanopia

21.9409, 17.2375, 15.0027

Trichromacy



Original Color

19.4337, 17.2086, 2.7493

Protanomaly

16.7781, 17.0753, 2.9838

Deuteranomaly

18.0695, 17.1144, 2.6095

Tritanomaly

20.7034, 17.1651, 8.1832

Monochromacy



Original Color

19.4337, 17.2086, 2.7493

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.4298, 15.6126, 8.8569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4337, 17.2086, 2.7493 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(160, 103, 15)` looks like.

```
.text, #text, p{  
    color:rgb(160, 103, 15)  
}
```

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(160, 103, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 103, 15) }
```

Border

The CSS property to change the border of an element to XYZ 19.4337, 17.2086, 2.7493 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(160, 103, 15) }
```


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

```
.border{ border-color:rgb(160, 103, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 103, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 103, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 103, 15);  
box-shadow:4px 4px 4px 4px rgb(160, 103,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4337, 17.2086, 2.7493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 103, 15) }
```

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

```
.background{ background-color: rgb(160,  
103, 15) }
```

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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