

Converting Colors

XYZ(17.0671, 10.5135, 3.0492)

Have a look what the booklet for
XYZ(17.0671, 10.5135, 3.0492)
contains.

XYZ(17.0671, 10.5135, 3.0492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0671, 10.5135,
3.0492)**

Conversions

Conversions Part 1

Format	Color
Hex	A53327
RGB	165, 51, 39
RGB Percent	65%, 20%, 15%
CMY	0.3529, 0.8000, 0.8471
CMYK	0.00, 0.69, 0.76, 0.35
HSL	6°, 62%, 40%
HSV	6°, 76%, 65%
XYZ	17.0671, 10.5135, 3.0492
YIQ	83.7180, 71.7960, 20.4360

Conversions

Conversions Part 2

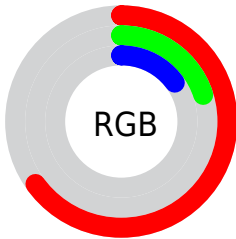
Format	Color
R_{YB}	165, 52, 39
Decimal	10826535
CIE _{Lab}	38.75, 46.10, 33.66
CIE _{LCh}	39, 57.078, 36.136
Yxy	10.5135, 0.5572, 0.3432
Android (android.graphics.Color)	4289016615 (0xFFA53327)
YUV	83.7180, -22.0460, 71.2843
Hunter-Lab	32.4245, 37.2130, 17.1215

Details

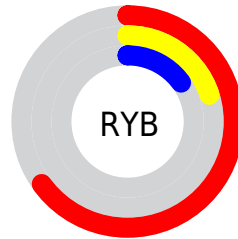
The XYZ color **17.0671, 10.5135, 3.0492** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.0181, 25.9277, 39.5993**, and the grayscale version is **8.4029, 8.8405, 9.6273**.

A 20% lighter version of the original color is **37.9540, 26.7253, 11.7524**, and **5.9439, 3.0642, 0.2782** is the 20% darker color. If you saturate the color by 10%, you get **16.3000, 9.3258, 1.7256**, and if you desaturate by 10%, it is **18.1630, 12.1688, 5.0691**.

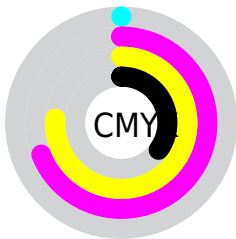
Distribution



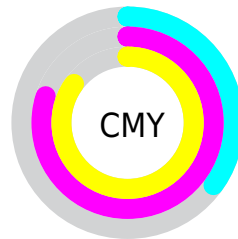
- Red (65%)
- Green (20%)
- Blue (15%)



- Red (65%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (76%)
- Black (35%)





- Cyan (35%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0671, 10.5135, 3.0492 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 17.0671, 10.5135, 3.0492 by changing the saturation by 10% instead.


 17.0671, 10.5135,
3.0492


 17.0671, 10.5135,
3.0492


228.7075,
194.2987, 136.9848


 10.3779, 5.7407,
1.1198


 37.9838, 26.7570,
11.7496


 5.7144, 2.6881,
0.0000

 52.9420, 38.9964,
19.3577


 2.7112, 0.9711,
0.0000

 71.3873, 54.4936,
29.6958

 1.0030, 0.0000,
0.0000

 93.6851, 73.6329,
43.1824

 0.0000, 0.0000,
0.0000

 120.2006, 96.7986,
60.2360

 151.2993,

124.3753, 81.2753

187.3465,
156.7472, 106.7187

17.0671, 10.5135,
3.0492

17.0671, 10.5135,
3.0492

16.3000, 9.3258,
1.7256

18.1630, 12.1688,
5.0691

15.8208, 8.5544,
0.9896

19.6189, 14.3317,
7.8632

15.6982, 8.3617,
0.7866

21.4630, 17.0397,
11.4993

23.7205, 20.3266,
16.0379

26.4145, 24.2233,
21.5337

■ 29.5664, 28.7583,
28.0374

■ 33.1963, 33.9587,
35.5957

■ 37.3227, 39.8498,
44.2527

■ 41.9637, 46.4555,
54.0499

Harmonies

Analogous

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



19.0748, 10.5135, 9.3681



17.0671, 10.5135, 3.0492



13.2226, 10.5135, 1.0225

Triad

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



17.0671, 10.5135, 3.0492



4.7203, 10.5135, 4.9338



10.7880, 10.5135, 46.9954

Complementary

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



17.0671, 10.5135, 3.0492



19.0181, 25.9277, 39.5993

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.



7.3370, 10.5135, 42.8754



17.0671, 10.5135, 3.0492



4.3782, 10.5135, 13.8137

Square

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



17.0671, 10.5135, 3.0492



6.2978, 10.5135, 1.5333



5.2062, 10.5135, 28.5789



14.9075, 10.5135, 37.7417

Rectangle

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



17.0671, 10.5135, 3.0492



10.4894, 10.5135, 0.6893



5.2062, 10.5135, 28.5789



9.5121, 10.5135, 47.1797

Sweetspot

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



17.0673, 10.5141, 3.0494



48.8808, 45.6510, 41.8011



22.1169, 11.8001, 31.9024



10.2854, 9.4023, 8.3147



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.0673, 10.5141, 3.0494



28.5206, 15.6238, 2.0484



21.7326, 19.8447, 4.6045



7.1256, 7.1895, 7.3922



11.8939, 6.3617, 0.6011



0.2651, 0.1641, 0.0177

Inverse Universe

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



19.0181, 25.9277, 39.5993



32.0061, 44.2044, 70.5977



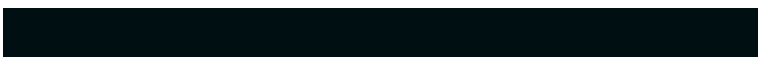
11.4122, 10.7159, 37.0640



7.2182, 7.8953, 9.0466



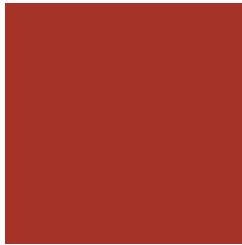
13.3213, 18.4219, 29.7835



0.2955, 0.4182, 0.6310

Previews

White Background



This preview shows how the XYZ color 17.0671, 10.5135, 3.0492 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 17.0671, 10.5135, 3.0492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

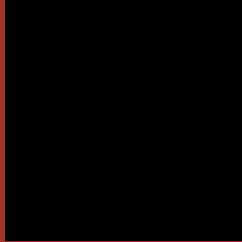
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0671, 10.5135, 3.0492

Background



This preview shows how black text looks on a background with the XYZ color 17.0671, 10.5135, 3.0492.



This preview shows how white text looks on a background with the XYZ color 17.0671, 10.5135,

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

17.0671, 10.5135, 3.0492

Protanopia

9.8138, 10.6689, 4.7909

Deuteranopia

10.8073, 10.7232, 2.7965



Tritanopia

17.2352, 10.4439, 4.3563

Trichromacy



Original Color

17.0671, 10.5135, 3.0492

Protanomaly

11.4791, 9.7981, 3.9755

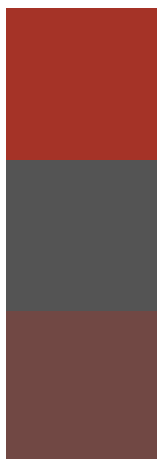
Deuteranomaly

12.4777, 10.1342, 2.8118

Tritanomaly

17.1707, 10.4858, 3.8083

Monochromacy



Original Color

17.0671, 10.5135, 3.0492

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

10.1708, 8.5628, 6.5856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0671, 10.5135, 3.0492 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(165, 51, 39)` looks like.

```
.text, #text, p{  
    color:rgb(165, 51, 39)  
}
```

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(165, 51, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 51, 39) }
```

Border

The CSS property to change the border of an element to XYZ 17.0671, 10.5135, 3.0492 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(165, 51, 39) }
```


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

```
.border{ border-color:rgb(165, 51, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 51, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 51, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 51, 39);  
box-shadow:4px 4px 4px 4px rgb(165, 51,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0671, 10.5135, 3.0492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 51, 39) }
```

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

```
.background{ background-color: rgb(165, 51,  
39) }
```

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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