

Converting Colors

XYZ(17.3666, 10.9492, 2.6369)

Have a look what the booklet for
XYZ(17.3666, 10.9492, 2.6369)
contains.

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Color

**XYZ(17.3666, 10.9492,
2.6369)**

Conversions

Conversions Part 1

Format	Color
Hex	A63721
RGB	166, 55, 33
RGB Percent	65%, 22%, 13%
CMY	0.3490, 0.7843, 0.8706
CMYK	0.00, 0.67, 0.80, 0.35
HSL	10°, 67%, 39%
HSV	10°, 80%, 65%
XYZ	17.3666, 10.9492, 2.6369
YIQ	85.6810, 73.2180, 16.6900

Conversions

Conversions Part 2

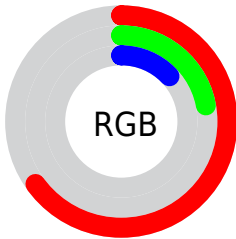
Format	Color
R_{YB}	166, 59, 33
Decimal	10893089
CIE _{Lab}	39.49, 44.52, 37.82
CIE _{LCh}	39, 58.415, 40.344
Yxy	10.9492, 0.5611, 0.3537
Android (android.graphics.Color)	4289083169 (0xFFA63721)
YUV	85.6810, -25.9717, 70.4398
Hunter-Lab	33.0896, 35.7765, 18.4379

Details

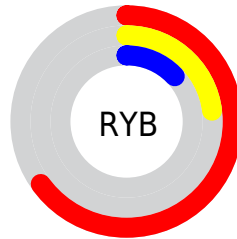
The XYZ color **17.3666, 10.9492, 2.6369** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **17.4822, 23.0207, 39.5982**, and the grayscale version is **8.8207, 9.2801, 10.1060**.

A 20% lighter version of the original color is **38.4524, 27.6205, 10.7018**, and **6.0634, 3.1258, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **16.6206, 9.7421, 1.5105**, and if you desaturate by 10%, it is **18.4125, 12.5729, 4.4290**.

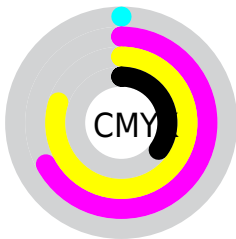
Distribution



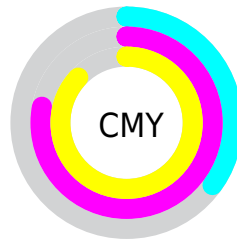
- Red (65%)
- Green (22%)
- Blue (13%)



- Red (65%)
- Yellow (23%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (80%)
- Black (35%)



- Cyan (35%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3666, 10.9492, 2.6369 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 17.3666, 10.9492, 2.6369 by changing the saturation by 10% instead.

■ 17.3666, 10.9492,
2.6369

■ 17.3666, 10.9492,
2.6369

230.3915,
197.3187, 131.5925

■ 10.5931, 6.0327,
0.9114

■ 38.4936, 27.5662,
10.7185

■ 5.8592, 2.8650,
0.0000

■ 53.5779, 40.0355,
17.9126

■ 2.7995, 1.0616,
0.0000

■ 72.1631, 55.7911,
27.7671

■ 1.0486, 0.0000,
0.0000

■ 94.6147, 75.2175,
40.7004

■ 0.0000, 0.0000,
0.0000

■ 121.2980, 98.6991,
57.1310

■ 152.5783,

126.6202, 77.4775

188.8210,
159.3653, 102.1585

17.3666, 10.9492,
2.6369

17.3666, 10.9492,
2.6369

16.6206, 9.7421,
1.5105

18.4125, 12.5729,
4.4290

16.1285, 8.9124,
0.8702

19.7865, 14.6455,
6.9693

21.5142, 17.1980,
10.3289

23.6185, 20.2582,
14.5704

26.1201, 23.8518,
19.7502

■ 29.0385, 28.0027,
25.9203

■ 32.3915, 32.7332,
33.1285

■ 36.1963, 38.0645,
41.4197

■ 40.4687, 44.0169,
50.8362

Harmonies

Analogous

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



19.8535, 10.9492, 8.4151



17.3666, 10.9492, 2.6369



13.1879, 10.9492, 0.9147

Triad

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



17.3666, 10.9492, 2.6369



4.7515, 10.9492, 5.9821



11.8369, 10.9492, 48.8865

Complementary

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



17.3666, 10.9492, 2.6369



17.4822, 23.0207, 39.5982

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.



8.0472, 10.9492, 46.5736



17.3666, 10.9492, 2.6369



4.5641, 10.9492, 16.2883

Square

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



17.3666, 10.9492, 2.6369



6.2103, 10.9492, 1.8223



5.6104, 10.9492, 32.3809



16.1642, 10.9492, 37.5093

Rectangle

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



17.3666, 10.9492, 2.6369



10.3611, 10.9492, 0.6768



5.6104, 10.9492, 32.3809



10.4528, 10.9492, 49.8003

Sweetspot

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



17.3668, 10.9498, 2.6371



50.3164, 47.4370, 41.9729



21.4618, 11.2715, 28.2588



10.8587, 10.0444, 8.5463



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.



17.3668, 10.9498, 2.6371



29.4561, 16.4675, 1.8750



22.6508, 21.5177, 4.3984



7.6277, 7.7355, 7.8803



12.5311, 6.9595, 0.6829



0.3333, 0.2262, 0.0261

Inverse Universe

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



17.4822, 23.0207, 39.5982



29.3938, 38.6396, 71.3842



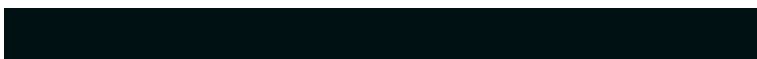
10.3459, 8.7482, 37.2194



7.6403, 8.3176, 9.6211



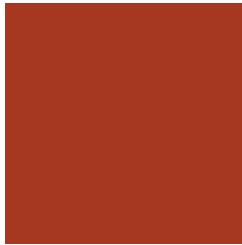
12.4735, 16.4071, 30.4850



0.3307, 0.4536, 0.7508

Previews

White Background



This preview shows how the XYZ color 17.3666, 10.9492, 2.6369 looks on a white background.

Color Contrast Check

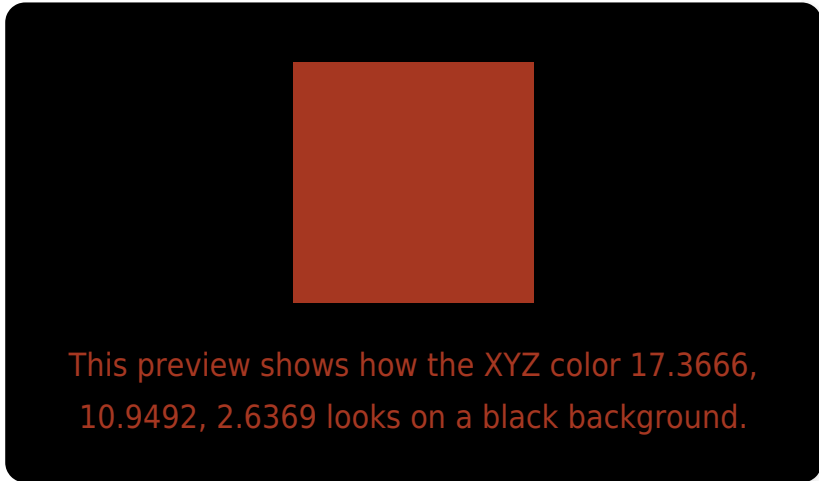
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.3666, 10.9492, 2.6369

Background



This preview shows how black text looks on a background with the XYZ color 17.3666, 10.9492, 2.6369.



This preview shows how white text looks on a background with the XYZ color 17.3666, 10.9492,

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

17.3666, 10.9492, 2.6369

Protanopia

10.1662, 11.1303, 3.9954

Deuteranopia

11.1982, 11.0582, 2.3548



Tritanopia

17.8539, 10.9473, 4.7865

Trichromacy



Original Color

17.3666, 10.9492, 2.6369

Protanomaly

12.0041, 10.4025, 3.3827

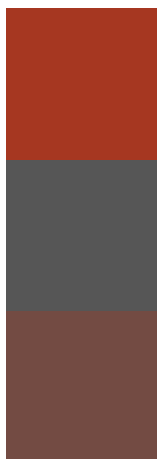
Deuteranomaly

12.8434, 10.5378, 2.3940

Tritanomaly

17.7225, 10.9669, 3.8721

Monochromacy



Original Color

17.3666, 10.9492, 2.6369

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.5994, 9.0822, 6.5046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3666, 10.9492, 2.6369 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, 55, 33)` looks like.

```
.text, #text, p{  
    color:rgb(166, 55, 33)  
}
```

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, 55, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 55, 33) }
```

Border

The CSS property to change the border of an element to XYZ 17.3666, 10.9492, 2.6369 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, 55, 33) }
```


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

```
.border{ border-color:rgb(166, 55, 33) }
```

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

Here you see how a box with a 4 pixel rgb(166, 55, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 55, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 55, 33);  
box-shadow:4px 4px 4px 4px rgb(166, 55,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3666, 10.9492, 2.6369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 55, 33) }
```

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

```
.background{ background-color: rgb(166, 55,  
33) }
```

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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