

Converting Colors

XYZ(17.3178, 19.0738, 7.8819)

Have a look what the booklet for
XYZ(17.3178, 19.0738, 7.8819)
contains.

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Color

**XYZ(17.3030, 19.1377,
7.9362)**

Conversions

Conversions Part 1

Format	Color
Hex	837A42
RGB	131, 122, 66
RGB Percent	51%, 48%, 26%
CMY	0.4863, 0.5216, 0.7412
CMYK	0.00, 0.07, 0.50, 0.49
HSL	52°, 33%, 39%
HSV	52°, 50%, 51%
XYZ	17.3030, 19.1377, 7.9362
YIQ	118.3070, 23.3400, -15.5080

Conversions

Conversions Part 2

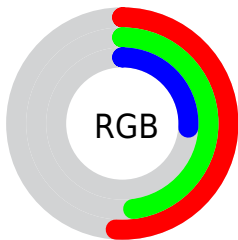
Format	Color
RYB	76, 131, 66
Decimal	8616514
CIELab	50.85, -4.76, 31.71
CIELCh	51, 32.067, 98.538
Yxy	19.1377, 0.3899, 0.4313
Android (android.graphics.Color)	4286806594 (0xFF837A42)
YUV	118.3070, -25.7874, 11.1318
Hunter-Lab	43.7467, -5.9550, 19.8667

Details

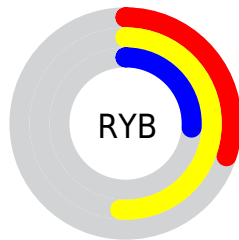
The XYZ color **17.3030, 19.1377, 7.9362** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.8595, 7.8289, 22.5170**, and the grayscale version is **17.3899, 18.2955, 19.9238**.

A 20% lighter version of the original color is **38.2381, 41.8242, 22.2772**, and **5.8833, 6.6535, 1.6360** is the 20% darker color. If you saturate the color by 10%, you get **16.7398, 18.5602, 6.0565**, and if you desaturate by 10%, it is **17.9598, 19.7607, 10.2841**.

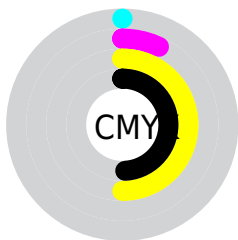
Distribution



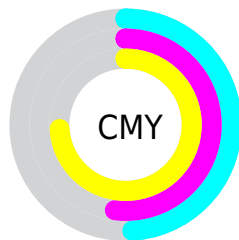
- Red (51%)
- Green (48%)
- Blue (26%)



- Red (30%)
- Yellow (51%)
- Blue (26%)



- Cyan (0%)
- Magenta (7%)
- Yellow (50%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3030, 19.1377, 7.9362 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 17.3030, 19.1377, 7.9362 by changing the saturation by 10% instead.

■ 17.3030, 19.1377,
7.9362

■ 17.3030, 19.1377,
7.9362

230.0348,
247.2079, 185.1466

■ 10.5474, 11.7698,
3.9670

■ 38.3855, 41.9667,
22.3774

■ 5.8284, 6.5871,
1.6072

■ 53.4431, 58.1965,
33.6864

■ 2.7807, 3.2053,
0.2960

■ 71.9987, 78.1491,
48.2791

■ 1.0389, 1.2398,
0.0000

■ 94.4177, 102.2090,
66.5740

■ 0.0000, 0.0939,
0.0000

■ 121.0655,
130.7604, 88.9897

■ 0.0000, 0.0000,
0.0000

152.3073,

164.1877, 115.9446

188.5087,
202.8754, 147.8574

■ 17.3030, 19.1377,
7.9362

■ 17.3030, 19.1377,
7.9362

■ 16.7398, 18.5602,
6.0565

■ 17.9598, 19.7607,
10.2841

■ 16.2627, 18.0230,
4.6115

■ 18.7143, 20.4288,
13.1282

■ 15.8651, 17.5242,
3.5652

■ 19.5721, 21.1449,
16.4958

■ 15.5390, 17.0606,
2.8755

■ 20.5381, 21.9110,
20.4116

■ 15.2610, 16.6227,
2.4186

■ 21.6165, 22.7289,
24.8991

■ 15.2505, 16.6061,
2.4015

■ 22.8117, 23.6003,
29.9802

■ 24.1276, 24.5269,
35.6757

■ 25.5679, 25.5101,
42.0053

■ 27.1363, 26.5515,
48.9880

Harmonies

Analogous

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



20.5035, 19.1377, 8.4806



17.3030, 19.1377, 7.9362



14.6624, 19.1377, 9.9792

Triad

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



17.3030, 19.1377, 7.9362



13.8411, 19.1377, 33.6608



24.4473, 19.1377, 27.8712

Complementary

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



17.3030, 19.1377, 7.9362



8.8595, 7.8289, 22.5170

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.



22.2419, 19.1377, 37.6175



17.3030, 19.1377, 7.9362



16.0570, 19.1377, 41.5773

Square

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



17.3030, 19.1377, 7.9362



12.8208, 19.1377, 23.5280



19.1064, 19.1377, 43.2039



24.8807, 19.1377, 18.3607

Rectangle

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



17.3030, 19.1377, 7.9362



13.4858, 19.1377, 13.0143



19.1064, 19.1377, 43.2039



23.8773, 19.1377, 31.2975

Sweetspot

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



17.3035, 19.1386, 7.9366



35.7642, 38.4408, 32.4129



12.6043, 9.2402, 7.9114



8.2553, 8.8928, 7.2584



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.3035, 19.1386, 7.9366



29.8155, 33.0621, 10.3336



15.3146, 19.8299, 8.1749



4.9863, 5.3161, 4.9927



15.0132, 16.3490, 2.3644



0.0558, 0.0641, 0.0094

Inverse Universe

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



8.8595, 7.8289, 22.5170



12.8014, 10.2904, 39.7647



10.1410, 7.6468, 22.4143



4.4827, 4.6409, 5.8603



4.2489, 2.0457, 21.3076



0.0178, 0.0133, 0.0748

Previews

White Background



This preview shows how the XYZ color 17.3030, 19.1377, 7.9362 looks on a white 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

Black Background



This preview shows how the XYZ color 17.3030, 19.1377, 7.9362 looks on a black 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

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

XYZ 17.3030, 19.1377, 7.9362

Background



This preview shows how black text looks on a background with the XYZ color 17.3030, 19.1377, 7.9362.



This preview shows how white text looks on a background with the XYZ color 17.3030, 19.1377,

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

17.3030, 19.1377, 7.9362

Protanopia

17.4936, 19.0546, 7.9102

Deuteranopia

19.3869, 18.9747, 8.1095



Tritanopia

20.0854, 19.0351, 21.6843

Trichromacy



Original Color

17.3030, 19.1377, 7.9362

Protanomaly

17.3365, 18.9736, 7.9028

Deuteranomaly

18.6469, 19.1129, 8.0166

Tritanomaly

18.9183, 19.0870, 15.5190

Monochromacy



Original Color

17.3030, 19.1377, 7.9362

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0173, 18.3055, 14.4408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3030, 19.1377, 7.9362 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(131, 122, 66)` looks like.

```
.text, #text, p{  
    color:rgb(131, 122, 66)  
}
```

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(131, 122, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 122, 66) }
```

Border

The CSS property to change the border of an element to XYZ 17.3030, 19.1377, 7.9362 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(131, 122, 66) }
```


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

```
.border{ border-color:rgb(131, 122, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 122, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 122, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 122, 66);  
box-shadow:4px 4px 4px 4px rgb(131, 122,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3030, 19.1377, 7.9362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 122, 66) }
```

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

```
.background{ background-color: rgb(131,  
122, 66) }
```

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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