

Converting Colors

XYZ(17.0103, 19.5151, 9.2593)

Have a look what the booklet for
XYZ(17.0103, 19.5151, 9.2593)
contains.

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Color

**XYZ(16.9937, 19.5082,
9.1731)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7D49
RGB	125, 125, 73
RGB Percent	49%, 49%, 29%
CMY	0.5098, 0.5098, 0.7137
CMYK	0.00, 0.00, 0.42, 0.51
HSL	60°, 26%, 39%
HSV	60°, 42%, 49%
XYZ	16.9937, 19.5082, 9.1731
YIQ	119.0720, 16.6920, -16.1720

Conversions

Conversions Part 2

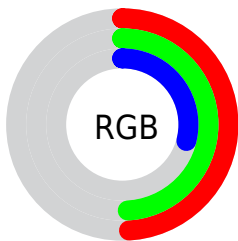
Format	Color
RYB	73, 125, 73
Decimal	8224073
CIELab	51.28, -8.31, 28.32
CIELCh	51, 29.511, 106.349
Yxy	19.5082, 0.3721, 0.4271
Android (android.graphics.Color)	4286414153 (0xFF7D7D49)
YUV	119.0720, -22.7135, 5.1989
Hunter-Lab	44.1681, -8.6162, 18.6039

Details

The XYZ color **16.9937, 19.5082, 9.1731** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.8325, 7.6626, 20.4166**, and the grayscale version is **17.6237, 18.5415, 20.1917**.

A 20% lighter version of the original color is **37.8877, 42.4580, 24.9372**, and **5.6839, 6.7439, 2.0390** is the 20% darker color. If you saturate the color by 10%, you get **16.6204, 19.3596, 7.2055**, and if you desaturate by 10%, it is **17.4513, 19.6920, 11.5803**.

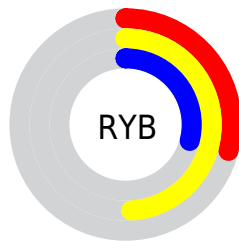
Distribution



Red (49%)

Green (49%)

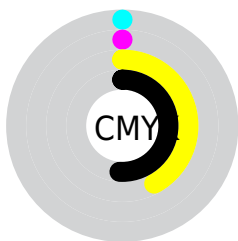
Blue (29%)



Red (29%)

Yellow (49%)

Blue (29%)

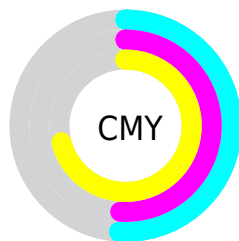


Cyan (0%)

Magenta (0%)

Yellow (42%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9937, 19.5082, 9.1731 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 16.9937, 19.5082, 9.1731 by changing the saturation by 10% instead.

■ 16.9937, 19.5082,
9.1731

■ 16.9937, 19.5082,
9.1731

228.2930,
249.2401, 194.9294

■ 10.3253, 12.0381,
4.7559

■ 37.8586, 42.5911,
24.8111

■ 5.6791, 6.7696,
2.0485

■ 52.7858, 58.9726,
36.8691

■ 2.6897, 3.3184,
0.5849

■ 71.1967, 79.0934,
52.3110

■ 0.9919, 1.3002,
0.0000

■ 93.4565, 103.3379,
71.5554

■ 0.0000, 0.1413,
0.0000

■ 119.9307,
132.0904, 95.0210

■ 0.0000, 0.0000,
0.0000

150.9847,

165.7353, 123.1261

186.9836,
204.6571, 156.2894

■ 16.9937, 19.5082,
9.1731

■ 16.9937, 19.5082,
9.1731

■ 16.6204, 19.3596,
7.2055

■ 17.4513, 19.6920,
11.5803

■ 16.3249, 19.2413,
5.6499

■ 17.9964, 19.9100,
14.4503

■ 16.1021, 19.1522,
4.4774

■ 18.6337, 20.1649,
17.8058

■ 15.9458, 19.0897,
3.6549

■ 19.3672, 20.4583,
21.6678

■ 15.8486, 19.0508,
3.1435

■ 20.2007, 20.7917,
26.0563

■ 15.7910, 19.0278,
2.8405

■ 21.1376, 21.1665,
30.9898

■ 22.1815, 21.5841,
36.4862

■ 23.3354, 22.0457,
42.5624

■ 24.6026, 22.5526,
49.2349

Harmonies

Analogous

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



19.9103, 19.5082, 9.0607



16.9937, 19.5082, 9.1731



14.7402, 19.5082, 11.9005

Triad

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



16.9937, 19.5082, 9.1731



14.9025, 19.5082, 35.2637



24.6049, 19.5082, 25.3017

Complementary

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



16.9937, 19.5082, 9.1731



8.8325, 7.6626, 20.4166

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.



22.9470, 19.5082, 34.5123



16.9937, 19.5082, 9.1731



17.2378, 19.5082, 41.2115

Square

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



16.9937, 19.5082, 9.1731



13.6231, 19.5082, 26.1393



20.1815, 19.5082, 40.9050



24.5217, 19.5082, 16.9966

Rectangle

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



16.9937, 19.5082, 9.1731



13.8249, 19.5082, 15.3785



20.1815, 19.5082, 40.9050



24.2258, 19.5082, 28.4314

Sweetspot

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



16.9942, 19.5091, 9.1735



33.2825, 36.0749, 31.4409



12.0432, 9.6065, 7.5231



7.5432, 8.1948, 7.0077



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.9942, 19.5091, 9.1735



29.7850, 34.6758, 13.0263



13.6825, 17.8018, 9.0185



4.6654, 5.0194, 4.6431



16.4802, 19.8583, 2.9644



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.8325, 7.6626, 20.4166



13.0613, 10.4021, 36.0638



11.2303, 8.8988, 20.5288



4.1089, 4.2117, 5.4097



3.8635, 1.5454, 20.3446



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9937, 19.5082, 9.1731 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 16.9937, 19.5082, 9.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

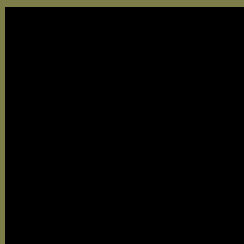
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

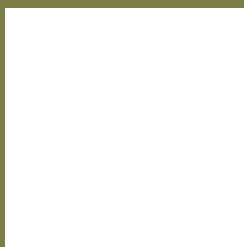
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9937, 19.5082, 9.1731

Background



This preview shows how black text looks on a background with the XYZ color 16.9937, 19.5082, 9.1731.



This preview shows how white text looks on a background with the XYZ color 16.9937, 19.5082,

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

16.9937, 19.5082, 9.1731

Protanopia

17.9607, 19.4553, 8.9395

Deuteranopia

19.8440, 19.5265, 9.3797



Tritanopia

19.8532, 19.5775, 23.1545

Trichromacy



Original Color

16.9937, 19.5082, 9.1731

Protanomaly

17.6127, 19.4591, 8.9586

Deuteranomaly

18.7677, 19.5028, 9.2538

Tritanomaly

18.5974, 19.4246, 16.9565

Monochromacy



Original Color

16.9937, 19.5082, 9.1731

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.1208, 18.6990, 15.2773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9937, 19.5082, 9.1731 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(125, 125, 73)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 73)  
}
```

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(125, 125, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 73) }
```

Border

The CSS property to change the border of an element to XYZ 16.9937, 19.5082, 9.1731 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(125, 125, 73) }
```


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

```
.border{ border-color:rgb(125, 125, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 125, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 125, 73);  
box-shadow:4px 4px 4px 4px rgb(125, 125,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9937, 19.5082, 9.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 73) }
```

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

```
.background{ background-color: rgb(125,  
125, 73) }
```

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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