

Converting Colors

XYZ(19.0407, 19.3646, 14.9541)

Have a look what the booklet for
XYZ(19.0407, 19.3646, 14.9541)
contains.

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Color

**XYZ(19.0991, 19.3675,
15.0436)**

Conversions

Conversions Part 1

Format	Color
Hex	887765
RGB	136, 119, 101
RGB Percent	53%, 47%, 40%
CMY	0.4667, 0.5333, 0.6039
CMYK	0.00, 0.12, 0.26, 0.47
HSL	31°, 15%, 46%
HSV	31°, 26%, 53%
XYZ	19.0991, 19.3675, 15.0436
YIQ	122.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

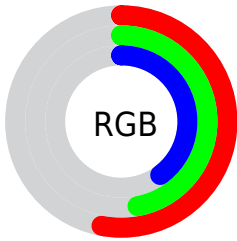
Format	Color
RYB	134, 136, 101
Decimal	8943461
CIELab	51.11, 3.57, 12.32
CIElCh	51, 12.829, 73.821
Yxy	19.3675, 0.3569, 0.3619
Android (android.graphics.Color)	4287133541 (0xFF887765)
YUV	122.0310, -10.3683, 12.2508
Hunter-Lab	44.0085, 0.4517, 10.5386

Details

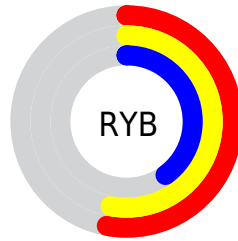
The XYZ color **19.0991, 19.3675, 15.0436** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2890, 17.5005, 25.8119**, and the grayscale version is **18.5384, 19.5038, 21.2396**.

A 20% lighter version of the original color is **41.4656, 42.3400, 35.6927**, and **6.7568, 6.7513, 4.4370** is the 20% darker color. If you saturate the color by 10%, you get **17.7284, 17.6056, 11.5668**, and if you desaturate by 10%, it is **20.6358, 21.2846, 19.1203**.

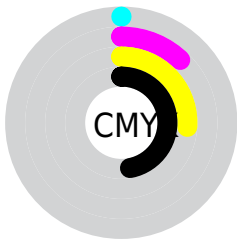
Distribution



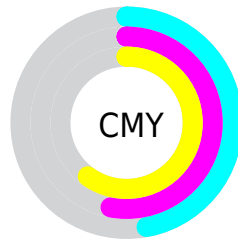
- Red (53%)
- Green (47%)
- Blue (40%)



- Red (53%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0991, 19.3675, 15.0436 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 19.0991, 19.3675, 15.0436 by changing the saturation by 10% instead.

■ 19.0991, 19.3675,
15.0436

■ 19.0991, 19.3675,
15.0436

239.9229,
248.4701, 235.2798

■ 11.8463, 11.9361,
8.7030

■ 41.4171, 42.3542,
35.6730

■ 6.7106, 6.7002,
4.4538

■ 57.2130, 58.6783,
50.7990

■ 3.3265, 3.2753,
1.8775

■ 76.5873, 78.7354,
69.6905

■ 1.3287, 1.2771,
0.4783

■ 99.9055, 102.9099,
92.7660

■ 0.2045, 0.1234,
0.0000

127.5327,
131.5862, 120.4442

■ 0.0000, 0.0000,
0.0000

159.8345,

165.1488, 153.1435

197.1761,
203.9820, 191.2826

■ 19.0991, 19.3675,
15.0436

■ 19.0991, 19.3675,
15.0436

■ 17.7284, 17.6056,
11.5668

■ 20.6358, 21.2846,
19.1203

■ 16.5156, 15.9918,
8.6597

■ 22.3430, 23.3583,
23.8225

■ 15.4542, 14.5224,
6.2915

■ 24.2270, 25.5935,
29.1761

■ 14.5365, 13.1925,
4.4276

■ 26.2934, 27.9941,
35.2048

■ 13.7542, 11.9967,
3.0296

■ 28.5473, 30.5637,
41.9314

■ 13.0976, 10.9292,
2.0534

■ 30.9937, 33.3058,
49.3774

■ 12.5527, 9.9822,
1.4317

■ 33.6375, 36.2239,
57.5636

■ 12.3407, 9.6090,
1.2043

■ 36.4833, 39.3213,
66.5097

■ 39.5355, 42.6012,
76.2349

Harmonies

Analogous

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



20.2324, 19.3675, 16.5947



19.0991, 19.3675, 15.0436



17.8294, 19.3675, 14.9840

Triad

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



19.0991, 19.3675, 15.0436



16.1310, 19.3675, 22.8082



20.1566, 19.3675, 26.5641

Complementary

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



19.0991, 19.3675, 15.0436



16.2890, 17.5005, 25.8119

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.



18.9995, 19.3675, 28.6583



19.0991, 19.3675, 15.0436



16.6972, 19.3675, 26.3267

Square

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



19.0991, 19.3675, 15.0436



16.1549, 19.3675, 19.1933



17.7342, 19.3675, 28.5667



20.8619, 19.3675, 23.1033

Rectangle

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



19.0991, 19.3675, 15.0436



17.0785, 19.3675, 15.7811



17.7342, 19.3675, 28.5667



19.8053, 19.3675, 27.4681

Sweetspot

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



19.0996, 19.3684, 15.0440



38.6128, 40.2470, 39.8570



18.1069, 15.8617, 19.4032



8.8457, 9.2040, 8.9629



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.0996, 19.3684, 15.0440



32.1900, 32.2561, 22.7493



21.3065, 23.7821, 15.7796



5.2317, 5.4462, 5.3279



11.6895, 9.1134, 1.1429



0.0923, 0.0899, 0.0125

Inverse Universe

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



16.2890, 17.5005, 25.8119



26.3468, 28.3733, 45.1363



14.4647, 13.8519, 25.2038



4.9620, 5.2669, 6.3609



6.0617, 5.3937, 22.7673



0.0548, 0.0649, 0.1561

Previews

White Background



This preview shows how the XYZ color 19.0991, 19.3675, 15.0436 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 19.0991, 19.3675, 15.0436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

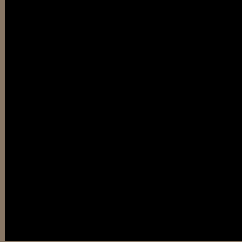
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0991, 19.3675, 15.0436

Background



This preview shows how black text looks on a background with the XYZ color 19.0991, 19.3675, 15.0436.



This preview shows how white text looks on a background with the XYZ color 19.0991, 19.3675,

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

19.0991, 19.3675, 15.0436

Protanopia

18.2599, 19.4676, 15.3656

Deuteranopia

19.6948, 19.3249, 15.0040



Tritanopia

20.5945, 19.4604, 22.0728

Trichromacy



Original Color

19.0991, 19.3675, 15.0436

Protanomaly

18.5957, 19.4593, 15.3463

Deuteranomaly

19.4749, 19.3854, 15.0272

Tritanomaly

19.9949, 19.3868, 19.2112

Monochromacy



Original Color

19.0991, 19.3675, 15.0436

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.6270, 19.4017, 18.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0991, 19.3675, 15.0436 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(136, 119, 101)` looks like.

```
.text, #text, p{  
    color:rgb(136, 119, 101)  
}
```

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(136, 119, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 119, 101) }
```

Border

The CSS property to change the border of an element to XYZ 19.0991, 19.3675, 15.0436 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(136, 119, 101) }
```


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

```
.border{ border-color:rgb(136, 119, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 119, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 119, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 119, 101);  
box-shadow:4px 4px 4px 4px rgb(136, 119,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0991, 19.3675, 15.0436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 119, 101) }
```

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

```
.background{ background-color: rgb(136,  
119, 101) }
```

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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