

Converting Colors

XYZ(18.2732, 19.0371, 10.6941)

Have a look what the booklet for
XYZ(18.2732, 19.0371, 10.6941)
contains.

XYZ(18.2732, 19.0371, 10.6941)	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(18.2732, 19.0371,
10.6941)**

Conversions

Conversions Part 1

Format	Color
Hex	887752
RGB	136, 119, 82
RGB Percent	53%, 47%, 32%
CMY	0.4667, 0.5333, 0.6784
CMYK	0.00, 0.12, 0.40, 0.47
HSL	41°, 25%, 43%
HSV	41°, 40%, 53%
XYZ	18.2732, 19.0371, 10.6941
YIQ	119.8650, 22.0090, -7.9030

Conversions

Conversions Part 2

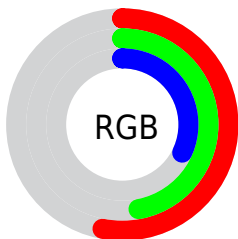
Format	Color
RYB	107, 136, 82
Decimal	8943442
CIELab	50.73, 0.95, 22.78
CIELCh	51, 22.796, 87.623
Yxy	19.0371, 0.3807, 0.3966
Android (android.graphics.Color)	4287133522 (0xFF887752)
YUV	119.8650, -18.6674, 14.1504
Hunter-Lab	43.6315, -1.5981, 16.0101

Details

The XYZ color **18.2732, 19.0371, 10.6941** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.3854, 12.4948, 25.0516**, and the grayscale version is **17.8627, 18.7930, 20.4655**.

A 20% lighter version of the original color is **39.9630, 41.7389, 27.7799**, and **6.3180, 6.5651, 2.6033** is the 20% darker color. If you saturate the color by 10%, you get **17.3082, 17.8549, 8.0674**, and if you desaturate by 10%, it is **19.3647, 20.3080, 13.8696**.

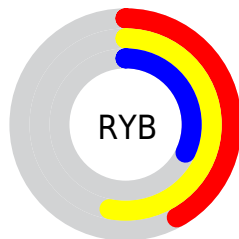
Distribution



Red (53%)

Green (47%)

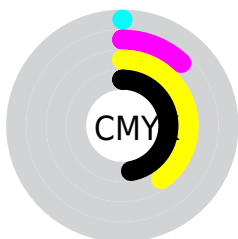
Blue (32%)



Red (42%)

Yellow (53%)

Blue (32%)

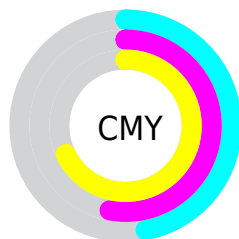


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2732, 19.0371, 10.6941 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 18.2732, 19.0371, 10.6941 by changing the saturation by 10% instead.

■ 18.2732, 19.0371,
10.6941

■ 18.2732, 19.0371,
10.6941

235.4224,
246.6535, 206.2182

■ 11.2472, 11.6971,
5.7500

■ 40.0287, 41.7968,
27.7211

■ 6.3019, 6.5378,
2.6273

■ 55.4890, 57.9852,
40.6410

■ 3.0719, 3.1747,
0.9065

■ 74.4913, 77.8920,
57.0565

■ 1.1919, 1.2236,
0.0000

■ 97.4012, 101.9014,
77.3863

■ 0.1000, 0.0809,
0.0000

■ 124.5838,
130.3978, 102.0488

■ 0.0000, 0.0000,
0.0000

156.4047,

163.7657, 131.4626

193.2291,
202.3895, 166.0462

■ 18.2732, 19.0371,
10.6941

■ 18.2732, 19.0371,
10.6941

■ 17.3082, 17.8549,
8.0674

■ 19.3647, 20.3080,
13.8696

■ 16.4620, 16.7557,
5.9560

■ 20.5871, 21.6678,
17.6222

■ 15.7278, 15.7371,
4.3249

■ 21.9465, 23.1201,
21.9797

■ 15.0979, 14.7955,
3.1338

■ 23.4479, 24.6673,
26.9678

■ 14.5630, 13.9266,
2.3361

■ 25.0962, 26.3117,
32.6108

■ 14.0980, 13.1200,
1.8009

■ 26.8961, 28.0558,
38.9313

■ 14.0847, 13.0969,
1.7856

■ 28.8518, 29.9016,
45.9513

■ 30.9676, 31.8513,
53.6916

■ 33.2476, 33.9069,
62.1720

Harmonies

Analogous

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



20.4970, 19.0371, 11.9667



18.2732, 19.0371, 10.6941



16.1719, 19.0371, 11.6159

Triad

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



18.2732, 19.0371, 10.6941



14.5439, 19.0371, 26.9816



21.9761, 19.0371, 28.0506

Complementary

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



18.2732, 19.0371, 10.6941



12.3854, 12.4948, 25.0516

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.



20.1631, 19.0371, 33.6731



18.2732, 19.0371, 10.6941



15.8869, 19.0371, 32.9719

Square

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



18.2732, 19.0371, 10.6941



14.1272, 19.0371, 20.2214



17.9164, 19.0371, 35.6362



22.7419, 19.0371, 21.2434

Rectangle

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



18.2732, 19.0371, 10.6941



15.0986, 19.0371, 13.4835



17.9164, 19.0371, 35.6362



21.4619, 19.0371, 30.1908

Sweetspot

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



18.2737, 19.0380, 10.6945



38.0404, 40.0746, 36.6684



15.4277, 12.1718, 13.3660



8.7483, 9.2156, 8.2936



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.



18.2737, 19.0380, 10.6945



30.6085, 31.5993, 14.4957



18.9462, 22.6609, 11.3583



5.3005, 5.5839, 5.3508



13.3392, 12.4128, 1.6929



0.1018, 0.1088, 0.0156

Inverse Universe

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



12.3854, 12.4948, 25.0516



18.6823, 18.3570, 43.6070



11.8651, 10.0826, 24.6134



4.8948, 5.1325, 6.3385



5.0247, 3.3198, 22.4216



0.0454, 0.0460, 0.1529

Previews

White Background



This preview shows how the XYZ color 18.2732, 19.0371, 10.6941 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 18.2732, 19.0371, 10.6941 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 18.2732, 19.0371, 10.6941

Background



This preview shows how black text looks on a background with the XYZ color 18.2732, 19.0371, 10.6941.



This preview shows how white text looks on a background with the XYZ color 18.2732, 19.0371,

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

18.2732, 19.0371, 10.6941

Protanopia

17.7588, 19.1246, 10.9390

Deuteranopia

19.3083, 19.0446, 10.8419



Tritanopia

20.4077, 19.0401, 21.3384

Trichromacy



Original Color

18.2732, 19.0371, 10.6941

Protanomaly

17.9507, 19.0440, 10.9134

Deuteranomaly

18.9071, 19.0098, 10.8564

Tritanomaly

19.5996, 19.0625, 16.8338

Monochromacy



Original Color

18.2732, 19.0371, 10.6941

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.9222, 18.9092, 16.3409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2732, 19.0371, 10.6941 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(136, 119, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 119, 82) }
```

Border

The CSS property to change the border of an element to XYZ 18.2732, 19.0371, 10.6941 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, 82) }
```


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

```
.border{ border-color:rgb(136, 119, 82) }
```

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, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 119, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 119, 82);  
box-shadow:4px 4px 4px 4px rgb(136, 119,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2732, 19.0371, 10.6941 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, 82) }
```

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

```
.background{ background-color: rgb(136,  
119, 82) }
```

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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