

Converting Colors

XYZ(19.0641, 16.7187, 2.8251)

Have a look what the booklet for
XYZ(19.0641, 16.7187, 2.8251)
contains.

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Color

**XYZ(19.0693, 16.7253,
2.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6513
RGB	159, 101, 19
RGB Percent	62%, 40%, 7%
CMY	0.3765, 0.6039, 0.9255
CMYK	0.00, 0.36, 0.88, 0.38
HSL	35°, 79%, 35%
HSV	35°, 88%, 62%
XYZ	19.0693, 16.7253, 2.8393
YIQ	108.9940, 60.8900, -13.2060

Conversions

Conversions Part 2

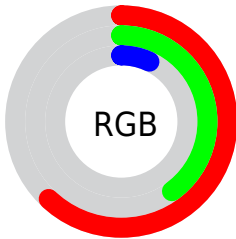
Format	Color
R_{YB}	118, 159, 19
Decimal	10446099
CIE _{Lab}	47.91, 17.23, 50.89
CIE _{LCh}	48, 53.722, 71.298
Yxy	16.7253, 0.4936, 0.4329
Android (android.graphics.Color)	4288636179 (0xFF9F6513)
YUV	108.9940, -44.3670, 43.8553
Hunter-Lab	40.8966, 11.6622, 24.5113

Details

The XYZ color **19.0693, 16.7253, 2.8393** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.1803, 7.9491, 33.8511**, and the grayscale version is **14.6444, 15.4071, 16.7783**.

A 20% lighter version of the original color is **41.3114, 37.8298, 11.2554**, and **6.7987, 5.4631, 0.6962** is the 20% darker color. If you saturate the color by 10%, you get **18.3549, 15.4576, 2.1053**, and if you desaturate by 10%, it is **19.9195, 18.1308, 4.0323**.

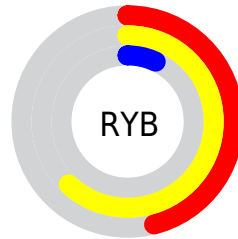
Distribution



Red (62%)

Green (40%)

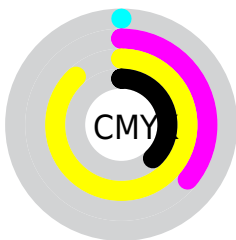
Blue (7%)



Red (46%)

Yellow (62%)

Blue (7%)

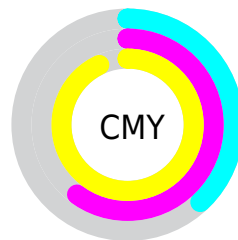


Cyan (0%)

Magenta (36%)

Yellow (88%)

Black (38%)



Cyan (38%)

Magenta (60%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0693, 16.7253, 2.8393 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 19.0693, 16.7253, 2.8393 by changing the saturation by 10% instead.

■ 19.0693, 16.7253,
2.8393

■ 19.0693, 16.7253,
2.8393

239.7618,
233.5844, 134.2868

■ 11.8247, 10.0388,
1.0132

■ 41.3671, 37.8529,
11.2293

■ 6.6957, 5.4247,
0.0000

■ 57.1510, 53.0627,
18.6302

■ 3.3172, 2.4985,
0.0000

■ 76.5121, 71.8826,
28.7264

■ 1.3236, 0.8759,
0.0000

■ 99.8156, 94.6967,
41.9366

■ 0.2008, 0.0000,
0.0000

■ 127.4270,
121.8895, 58.6792

■ 0.0000, 0.0000,
0.0000

■ 159.7116,

153.8455, 79.3727

197.0348,
190.9490, 104.4357

19.0693, 16.7253,
2.8393

19.0693, 16.7253,
2.8393

18.3549, 15.4576,
2.1053

19.9195, 18.1308,
4.0323

18.2240, 15.2229,
1.9778

20.9286, 19.6830,
5.8053

22.1110, 21.3902,
8.2269

23.4788, 23.2590,
11.3553

25.0429, 25.2953,
15.2426

■ 26.8132, 27.5049,
19.9357

■ 28.7986, 29.8928,
25.4777

■ 31.0079, 32.4642,
31.9087

■ 33.4489, 35.2236,
39.2660

Harmonies

Analogous

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



23.9576, 16.7253, 5.6820



19.0693, 16.7253, 2.8393



14.1436, 16.7253, 2.5892

Triad

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



19.0693, 16.7253, 2.8393



8.4098, 16.7253, 23.9433



22.8586, 16.7253, 46.4455

Complementary

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



19.0693, 16.7253, 2.8393



9.1803, 7.9491, 33.8511

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.



17.7894, 16.7253, 58.8063



19.0693, 16.7253, 2.8393



9.8835, 16.7253, 42.0518

Square

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



19.0693, 16.7253, 2.8393



8.6148, 16.7253, 10.9361



13.0974, 16.7253, 56.8828



26.4333, 16.7253, 28.1560

Rectangle

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



19.0693, 16.7253, 2.8393



11.5385, 16.7253, 3.6165



13.0974, 16.7253, 56.8828



21.2342, 16.7253, 51.7672

Sweetspot

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



19.0697, 16.7262, 2.8396



48.5472, 49.9026, 37.1442



15.8823, 8.3773, 7.8632



10.6989, 10.9491, 7.7043



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.0697, 16.7262, 2.8396



32.4421, 26.8717, 3.4769



24.6081, 31.0770, 5.3177



6.9396, 7.2592, 7.0211



14.4358, 12.1073, 1.5761



0.2992, 0.2986, 0.0419

Inverse Universe

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



9.1803, 7.9491, 33.8511



14.5007, 11.0694, 60.1158



7.0460, 3.2552, 33.0576



6.4992, 6.8641, 8.3890



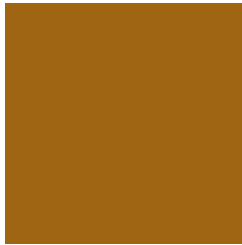
6.5148, 5.1211, 26.5523



0.1572, 0.1729, 0.4883

Previews

White Background



This preview shows how the XYZ color 19.0693, 16.7253, 2.8393 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



This preview shows how the XYZ color 19.0693, 16.7253, 2.8393 looks on a 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 19.0693, 16.7253, 2.8393

Background



This preview shows how black text looks on a background with the XYZ color 19.0693, 16.7253, 2.8393.



This preview shows how white text looks on a background with the XYZ color 19.0693, 16.7253,

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

19.0693, 16.7253, 2.8393

Protanopia

15.2252, 16.7636, 3.2439

Deuteranopia

16.9368, 16.6835, 2.7083



Tritanopia

21.4559, 16.7315, 14.4106

Trichromacy



Original Color

19.0693, 16.7253, 2.8393

Protanomaly

16.4287, 16.5707, 3.0916

Deuteranomaly

17.5322, 16.5272, 2.7180

Tritanomaly

20.3123, 16.6857, 8.1113

Monochromacy



Original Color

19.0693, 16.7253, 2.8393

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.2109, 15.3419, 8.9971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0693, 16.7253, 2.8393 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(159, 101, 19)` looks like.

```
.text, #text, p{  
    color:rgb(159, 101, 19)  
}
```

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(159, 101, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 101, 19) }
```

Border

The CSS property to change the border of an element to XYZ 19.0693, 16.7253, 2.8393 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(159, 101, 19) }
```


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

```
.border{ border-color:rgb(159, 101, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 101, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 101, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 101, 19);  
box-shadow:4px 4px 4px 4px rgb(159, 101,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0693, 16.7253, 2.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 101, 19) }
```

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

```
.background{ background-color: rgb(159,  
101, 19) }
```

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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