

Converting Colors

XYZ(19.4263, 18.1041, 3.7669)

Have a look what the booklet for
XYZ(19.4263, 18.1041, 3.7669)
contains.

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Color

**XYZ(19.4263, 18.1041,
3.7669)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6D1F
RGB	156, 109, 31
RGB Percent	61%, 43%, 12%
CMY	0.3882, 0.5725, 0.8784
CMYK	0.00, 0.30, 0.80, 0.39
HSL	37°, 67%, 37%
HSV	37°, 80%, 61%
XYZ	19.4263, 18.1041, 3.7669
YIQ	114.1610, 53.0500, -14.2940

Conversions

Conversions Part 2

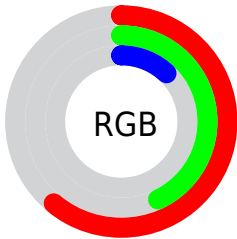
Format	Color
R_{YB}	106, 156, 31
Decimal	10251551
CIE _{Lab}	49.62, 11.67, 47.97
CIE _{LCh}	50, 49.372, 76.328
Yxy	18.1041, 0.4704, 0.4384
Android (android.graphics.Color)	4288441631 (0xFF9C6D1F)
YUV	114.1610, -40.9984, 36.6928
Hunter-Lab	42.5489, 7.0361, 24.5352

Details

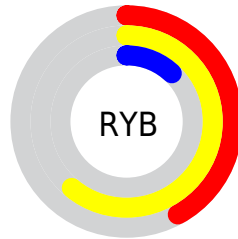
The XYZ color **19.4263, 18.1041, 3.7669** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.2902, 8.1402, 32.5340**, and the grayscale version is **16.1512, 16.9923, 18.5046**.

A 20% lighter version of the original color is **41.8254, 40.0469, 13.5080**, and **6.9782, 6.1546, 0.8202** is the 20% darker color. If you saturate the color by 10%, you get **18.6635, 16.8317, 2.7323**, and if you desaturate by 10%, it is **20.3312, 19.5016, 5.3401**.

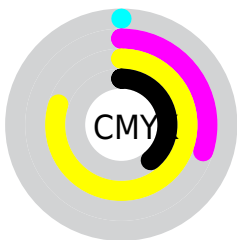
Distribution



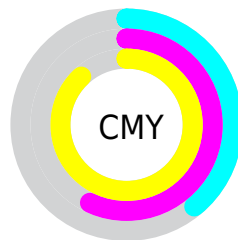
- Red (61%)
- Green (43%)
- Blue (12%)



- Red (42%)
- Yellow (61%)
- Blue (12%)



- Cyan (0%)
- Magenta (30%)
- Yellow (80%)
- Black (39%)



- Cyan (39%)
- Magenta (57%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4263, 18.1041, 3.7669 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 19.4263, 18.1041, 3.7669 by changing the saturation by 10% instead.

■ 19.4263, 18.1041,
3.7669

■ 19.4263, 18.1041,
3.7669

241.6854,
241.4572, 145.5981

■ 12.0845, 11.0248,
1.4984

■ 41.9645, 40.2146,
13.4685

■ 6.8739, 6.0835,
0.2167

■ 57.8917, 56.0146,
21.7386

■ 3.4290, 2.8959,
0.0000

■ 77.4115, 75.4902,
32.8464

■ 1.3845, 1.0776,
0.0000

■ 100.8891, 99.0259,
47.2103

■ 0.2451, 0.0000,
0.0000

■ 128.6899,
127.0061, 65.2488

■ 0.0000, 0.0000,
0.0000

■ 161.1793,

159.8151, 87.3806

198.7227,
197.8373, 114.0242

19.4263, 18.1041,
3.7669

19.4263, 18.1041,
3.7669

18.6635, 16.8317,
2.7323

20.3312, 19.5016,
5.3401

18.0172, 15.6817,
2.0773

21.3905, 21.0282,
7.5181

22.6161, 22.6907,
10.3585

24.0184, 24.4943,
13.9117

25.6067, 26.4439,
18.2234

■ 27.3895, 28.5442,
23.3353

■ 29.3749, 30.7994,
29.2861

■ 31.5703, 33.2135,
36.1119

■ 33.9829, 35.7906,
43.8469

Harmonies

Analogous

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



24.2096, 18.1041, 6.3184



19.4263, 18.1041, 3.7669



14.7965, 18.1041, 3.8705

Triad

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



19.4263, 18.1041, 3.7669



9.9278, 18.1041, 27.8935



24.5823, 18.1041, 43.4410

Complementary

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



19.4263, 18.1041, 3.7669



9.2902, 8.1402, 32.5340

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.



19.8669, 18.1041, 56.2960



19.4263, 18.1041, 3.7669



11.7051, 18.1041, 44.8889

Square

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



19.4263, 18.1041, 3.7669



9.8531, 18.1041, 14.2202



15.1643, 18.1041, 56.9214



27.5316, 18.1041, 26.4627

Rectangle

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



19.4263, 18.1041, 3.7669



12.4024, 18.1041, 5.3746



15.1643, 18.1041, 56.9214



23.1163, 18.1041, 48.6680

Sweetspot

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



19.4267, 18.1050, 3.7672



48.2947, 50.1515, 38.1628



15.6086, 8.6114, 8.2211



10.3937, 10.7596, 7.7320



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



19.4267, 18.1050, 3.7672



32.9784, 28.9189, 4.0781



23.1913, 29.5752, 5.7828



6.9604, 7.3008, 7.0280



14.8747, 12.9850, 1.7224



0.3056, 0.3114, 0.0440

Inverse Universe

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



9.2902, 8.1402, 32.5340



14.0028, 10.4154, 58.3991



7.5989, 3.9517, 31.8147



6.4789, 6.8235, 8.3823



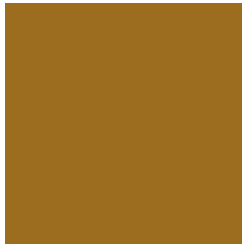
6.2475, 4.5866, 26.4633



0.1508, 0.1602, 0.4862

Previews

White Background



This preview shows how the XYZ color 19.4263, 18.1041, 3.7669 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 19.4263, 18.1041, 3.7669 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 19.4263, 18.1041, 3.7669

Background



This preview shows how black text looks on a background with the XYZ color 19.4263, 18.1041, 3.7669.



This preview shows how white text looks on a background with the XYZ color 19.4263, 18.1041,

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

19.4263, 18.1041, 3.7669

Protanopia

16.5442, 18.2900, 4.0972

Deuteranopia

18.4229, 18.0716, 3.7455



Tritanopia

22.2096, 18.1839, 16.8073

Trichromacy



Original Color

19.4263, 18.1041, 3.7669

Protanomaly

17.3760, 18.0285, 3.9305

Deuteranomaly

18.8677, 18.1380, 3.7348

Tritanomaly

20.8349, 18.0682, 10.1740

Monochromacy



Original Color

19.4263, 18.1041, 3.7669

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4477, 16.8956, 10.7818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4263, 18.1041, 3.7669 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(156, 109, 31)` looks like.

```
.text, #text, p{  
    color:rgb(156, 109, 31)  
}
```

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(156, 109, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 109, 31) }
```

Border

The CSS property to change the border of an element to XYZ 19.4263, 18.1041, 3.7669 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(156, 109, 31) }
```


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

```
.border{ border-color:rgb(156, 109, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 109, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 109, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 109, 31);  
box-shadow:4px 4px 4px 4px rgb(156, 109,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4263, 18.1041, 3.7669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 109, 31) }
```

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

```
.background{ background-color: rgb(156,  
109, 31) }
```

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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