

Converting Colors

XYZ(19.3313, 18.5207, 4.6538)

Have a look what the booklet for
XYZ(19.3313, 18.5207, 4.6538)
contains.

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Color

**XYZ(19.3313, 18.5207,
4.6538)**

Conversions

Conversions Part 1

Format	Color
Hex	997029
RGB	153, 112, 41
RGB Percent	60%, 44%, 16%
CMY	0.4000, 0.5608, 0.8392
CMYK	0.00, 0.27, 0.73, 0.40
HSL	38°, 58%, 38%
HSV	38°, 73%, 60%
XYZ	19.3313, 18.5207, 4.6538
YIQ	116.1650, 47.2270, -13.3890

Conversions

Conversions Part 2

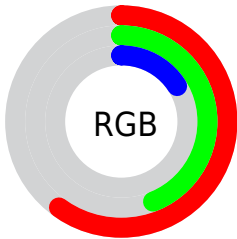
Format	Color
R_{YB}	106, 153, 41
Decimal	10055721
CIE _{Lab}	50.12, 9.04, 44.08
CIE _{LCh}	50, 44.992, 78.414
Yxy	18.5207, 0.4548, 0.4357
Android (android.graphics.Color)	4288245801 (0xFF997029)
YUV	116.1650, -37.0563, 32.3043
Hunter-Lab	43.0357, 4.8684, 23.7135

Details

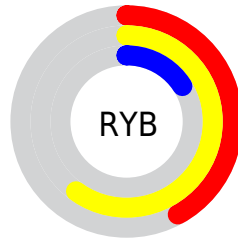
The XYZ color **19.3313, 18.5207, 4.6538** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.6814, 8.8057, 31.3263**, and the grayscale version is **16.7516, 17.6239, 19.1925**.

A 20% lighter version of the original color is **42.0278, 41.1551, 15.6262**, and **6.8704, 6.2635, 0.8469** is the 20% darker color. If you saturate the color by 10%, you get **18.5157, 17.2370, 3.3111**, and if you desaturate by 10%, it is **20.2900, 19.9247, 6.5567**.

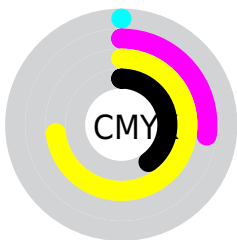
Distribution



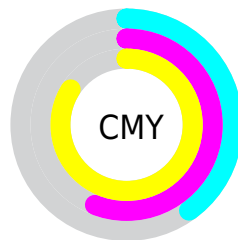
- Red (60%)
- Green (44%)
- Blue (16%)



- Red (42%)
- Yellow (60%)
- Blue (16%)



- Cyan (0%)
- Magenta (27%)
- Yellow (73%)
- Black (40%)





- Cyan (40%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.3313, 18.5207, 4.6538 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 19.3313, 18.5207, 4.6538 by changing the saturation by 10% instead.


 19.3313, 18.5207,
4.6538


 19.3313, 18.5207,
4.6538


241.1748,
243.7898, 155.2366


 12.0153, 11.3245,
1.9904


 41.8057, 40.9226,
15.4916


 6.8264, 6.2855,
0.5494


 57.6949, 56.8971,
24.5031

 3.3991, 3.0195,
0.0000

 77.1725, 76.5664,
36.4677

 1.3682, 1.1419,
0.0000

 100.6040,
100.3150, 51.8040

 0.2334, 0.0135,
0.0000

 128.3545,
128.5272, 70.9305

 0.0000, 0.0000,
0.0000

 160.7897,

161.5875, 94.2657

198.2746,
199.8802, 122.2282

■ 19.3313, 18.5207,
4.6538

■ 19.3313, 18.5207,
4.6538

■ 18.5157, 17.2370,
3.3111

■ 20.2900, 19.9247,
6.5567

■ 17.8284, 16.0643,
2.4598

■ 21.4020, 21.4518,
9.0757

■ 17.4111, 15.3208,
2.0396

■ 22.6778, 23.1081,
12.2609

■ 24.1264, 24.8982,
16.1572

■ 25.7563, 26.8265,
20.8053

■ 27.5752, 28.8970,
26.2430

■ 29.5902, 31.1136,
32.5053

■ 31.8082, 33.4799,
39.6253

■ 34.2357, 35.9995,
47.6342

Harmonies

Analogous

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



23.7369, 18.5207, 7.0604



19.3313, 18.5207, 4.6538



15.0990, 18.5207, 4.9363

Triad

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



19.3313, 18.5207, 4.6538



10.8190, 18.5207, 28.6874



24.6043, 18.5207, 40.5270

Complementary

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



19.3313, 18.5207, 4.6538



9.6814, 8.8057, 31.3263

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.



20.3704, 18.5207, 52.3608



19.3313, 18.5207, 4.6538



12.6295, 18.5207, 43.8147

Square

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



19.3313, 18.5207, 4.6538



10.6343, 18.5207, 15.7409



15.9816, 18.5207, 53.7637



27.0984, 18.5207, 25.3510

Rectangle

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



19.3313, 18.5207, 4.6538



12.9148, 18.5207, 6.6469



15.9816, 18.5207, 53.7637



23.3081, 18.5207, 45.2549

Sweetspot

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



19.3317, 18.5216, 4.6542



46.3643, 48.3184, 37.9556



15.4554, 8.9685, 8.9127



10.0722, 10.4769, 7.8983



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.3317, 18.5216, 4.6542



32.3306, 29.4746, 4.8421



22.2838, 28.3515, 6.3959



6.5187, 6.8424, 6.5830



14.4225, 12.7274, 1.6965



0.2501, 0.2591, 0.0368

Inverse Universe

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



9.6814, 8.8057, 31.3263



14.1553, 11.2806, 55.4033



8.1700, 4.7248, 30.6183



6.0604, 6.3781, 7.8407



5.9507, 4.2981, 25.4237



0.1217, 0.1297, 0.3910

Previews

White Background



This preview shows how the XYZ color 19.3313, 18.5207, 4.6538 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 19.3313, 18.5207, 4.6538 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 19.3313, 18.5207, 4.6538

Background



This preview shows how black text looks on a background with the XYZ color 19.3313, 18.5207, 4.6538.



This preview shows how white text looks on a background with the XYZ color 19.3313, 18.5207,

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

19.3313, 18.5207, 4.6538

Protanopia

16.9840, 18.6757, 4.9951

Deuteranopia

18.9780, 18.6719, 4.6113



Tritanopia

22.1328, 18.5645, 18.0396

Trichromacy



Original Color

19.3313, 18.5207, 4.6538

Protanomaly

17.7637, 18.5525, 4.8352

Deuteranomaly

19.0506, 18.5428, 4.5825

Tritanomaly

20.7932, 18.4812, 11.4881

Monochromacy



Original Color

19.3313, 18.5207, 4.6538

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.9872, 17.6499, 11.9626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3313, 18.5207, 4.6538 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(153, 112, 41)` looks like.

```
.text, #text, p{  
    color:rgb(153, 112, 41)  
}
```

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(153, 112, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 112, 41) }
```

Border

The CSS property to change the border of an element to XYZ 19.3313, 18.5207, 4.6538 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(153, 112, 41) }
```


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

```
.border{ border-color:rgb(153, 112, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 112, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 112, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 112, 41);  
box-shadow:4px 4px 4px 4px rgb(153, 112,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3313, 18.5207, 4.6538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 112, 41) }
```

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

```
.background{ background-color: rgb(153,  
112, 41) }
```

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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