

Converting Colors

XYZ(18.2830, 19.4308, 2.7869)

Have a look what the booklet for
XYZ(18.2830, 19.4308, 2.7869)
contains.

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Color

**XYZ(18.2181, 19.3622,
2.7771)**

Conversions

Conversions Part 1

Format	Color
Hex	907800
RGB	144, 120, 0
RGB Percent	56%, 47%, 0%
CMY	0.4353, 0.5294, 1.0000
CMYK	0.00, 0.17, 1.00, 0.44
HSL	50°, 100%, 28%
HSV	50°, 100%, 56%
XYZ	18.2181, 19.3622, 2.7771
YIQ	113.4960, 52.8240, -32.2320

Conversions

Conversions Part 2

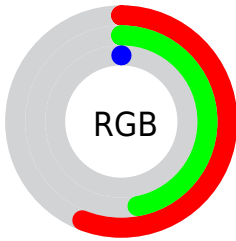
Format	Color
R_{YB}	29, 144, 0
Decimal	9467904
CIE _{Lab}	51.11, -0.97, 56.83
CIE _{LCh}	51, 56.841, 90.981
Yxy	19.3622, 0.4514, 0.4798
Android (android.graphics.Color)	4287657984 (0xFF907800)
YUV	113.4960, -55.9535, 26.7520
Hunter-Lab	44.0025, -3.1011, 27.0598

Details

The XYZ color **18.2181, 19.3622, 2.7771** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.3609, 2.6671, 26.6177**, and the grayscale version is **15.9949, 16.8279, 18.3256**.

A 20% lighter version of the original color is **40.0638, 42.4433, 11.0818**, and **6.4372, 6.7586, 0.9653** is the 20% darker color. If you saturate the color by 10%, you get **18.2183, 19.3628, 2.7772**, and if you desaturate by 10%, it is **18.5928, 19.9805, 3.3068**.

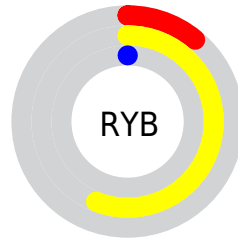
Distribution



Red (56%)

Green (47%)

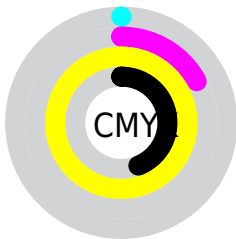
Blue (0%)



Red (11%)

Yellow (56%)

Blue (0%)

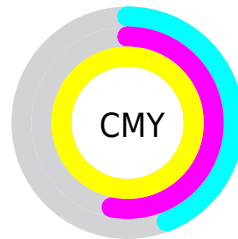


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2181, 19.3622, 2.7771 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 18.2181, 19.3622, 2.7771 by changing the saturation by 10% instead.

■ 18.2181, 19.3622,
2.7771

■ 18.2181, 19.3622,
2.7771

235.1194,
248.4411, 133.4690

■ 11.2073, 11.9323,
0.9820

■ 39.9358, 42.3452,
11.0733

■ 6.2748, 6.6976,
0.0000

■ 55.3734, 58.6672,
18.4114

■ 3.0551, 3.2737,
0.0000

■ 74.3507, 78.7219,
28.4343

■ 1.1830, 1.2762,
0.0000

■ 97.2330, 102.8938,
41.5605


■ 0.0929, 0.1227,
0.0000


■ 124.3856,
131.5672, 58.2085


■ 0.0000, 0.0000,
0.0000


■ 156.1740,


165.1267, 78.7969


 192.9635,
203.9565, 103.7442


 18.2181, 19.3622,
2.7771


 18.2181, 19.3622,
2.7771


 18.2183, 19.3628,
2.7772

 18.5928, 19.9805,
3.3068

 19.0297, 20.6345,
4.1299

 19.5571, 21.3365,
5.3932

 20.1852, 22.0906,
7.1510

 20.9231, 22.9005,
9.4498

■ 21.7786, 23.7694,
12.3307

■ 22.7587, 24.7002,
15.8308

■ 23.8699, 25.6956,
19.9842

■ 25.1184, 26.7581,
24.8224

Harmonies

Analogous

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



24.1836, 19.3622, 3.9128



18.2181, 19.3622, 2.7771



13.3645, 19.3622, 4.0884

Triad

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



18.2181, 19.3622, 2.7771



10.5810, 19.3622, 41.4609



29.6136, 19.3622, 40.0316

Complementary

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



18.2181, 19.3622, 2.7771



5.3609, 2.6671, 26.6177

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.



24.5716, 19.3622, 60.5142



18.2181, 19.3622, 2.7771



13.6261, 19.3622, 61.5948

Square

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



18.2181, 19.3622, 2.7771



9.5476, 19.3622, 21.6185



18.5895, 19.3622, 69.9053



31.5212, 19.3622, 20.5547

Rectangle

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



18.2181, 19.3622, 2.7771



11.1957, 19.3622, 6.9472



18.5895, 19.3622, 69.9053



28.1844, 19.3622, 47.3172

Sweetspot

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



18.2185, 19.3631, 2.7775



40.0272, 43.4603, 27.5056



11.6666, 5.9954, 1.4069



9.0245, 9.8218, 5.7485



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.2185, 19.3631, 2.7775



32.0289, 33.9433, 4.8636



14.7974, 22.4334, 3.5504



5.7641, 6.1346, 5.7697



15.8795, 16.8906, 2.4233



0.1650, 0.1878, 0.0275

Inverse Universe

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



5.3609, 2.6671, 26.6177



9.3694, 4.5327, 46.9191



6.2533, 2.6423, 26.5659



5.1977, 5.3913, 6.7954



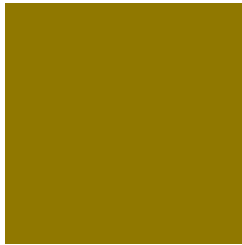
4.6807, 2.3475, 23.1835



0.0557, 0.0444, 0.2253

Previews

White Background



This preview shows how the XYZ color 18.2181, 19.3622, 2.7771 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



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 18.2181, 19.3622, 2.7771

Background



This preview shows how black text looks on a background with the XYZ color 18.2181, 19.3622, 2.7771.

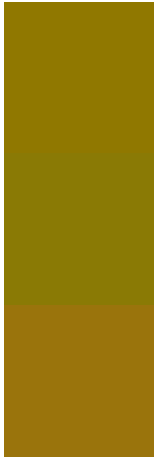


This preview shows how white text looks on a background with the XYZ color 18.2181, 19.3622,

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

18.2181, 19.3622, 2.7771

Protanopia

17.4682, 19.3333, 2.9546

Deuteranopia

19.6382, 19.3874, 3.0549



Tritanopia

21.7620, 19.4284, 20.3724

Trichromacy



Original Color

18.2181, 19.3622, 2.7771

Protanomaly

17.6690, 19.2568, 2.8718

Deuteranomaly

18.9828, 19.2241, 2.9399

Tritanomaly

19.6480, 19.0792, 9.4846

Monochromacy



Original Color

18.2181, 19.3622, 2.7771

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7273, 17.2437, 8.6304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2181, 19.3622, 2.7771 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(144, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 120, 0)  
}
```

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(144, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 120, 0) }
```

Border

The CSS property to change the border of an element to XYZ 18.2181, 19.3622, 2.7771 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(144, 120, 0) }
```


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

```
.border{ border-color:rgb(144, 120, 0) }
```

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

Here you see how a box with a 4 pixel rgb(144, 120, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 120,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2181, 19.3622, 2.7771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 120, 0) }
```

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

```
.background{ background-color: rgb(144,  
120, 0) }
```

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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