

Converting Colors

XYZ(19.1023, 21.0930, 4.0434)

Have a look what the booklet for
XYZ(19.1023, 21.0930, 4.0434)
contains.

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Color

**XYZ(19.1035, 21.0930,
4.0418)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7F1A
RGB	143, 127, 26
RGB Percent	56%, 50%, 10%
CMY	0.4392, 0.5019, 0.8980
CMYK	0.00, 0.11, 0.82, 0.44
HSL	52°, 69%, 33%
HSV	52°, 82%, 56%
XYZ	19.1035, 21.0930, 4.0418
YIQ	120.2700, 41.9570, -28.0190

Conversions

Conversions Part 2

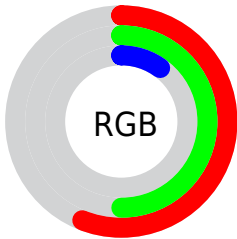
Format	Color
RYB	45, 143, 26
Decimal	9404186
CIELab	53.05, -4.75, 52.34
CIELCh	53, 52.552, 95.187
Yxy	21.0930, 0.4318, 0.4768
Android (android.graphics.Color)	4287594266 (0xFF8F7F1A)
YUV	120.2700, -46.4751, 19.9342
Hunter-Lab	45.9271, -6.1249, 26.9312

Details

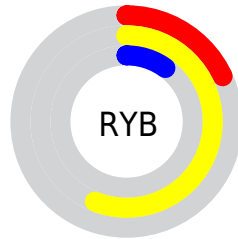
The XYZ color **19.1035, 21.0930, 4.0418** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.2119, 3.8587, 26.4037**, and the grayscale version is **18.0746, 19.0159, 20.7083**.

A 20% lighter version of the original color is **41.3875, 45.0987, 14.1130**, and **6.8442, 7.5726, 1.1009** is the 20% darker color. If you saturate the color by 10%, you get **18.7320, 20.5451, 3.3168**, and if you desaturate by 10%, it is **19.5607, 21.6846, 5.1894**.

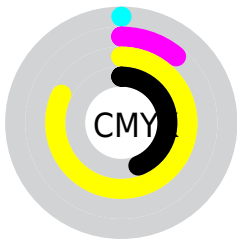
Distribution



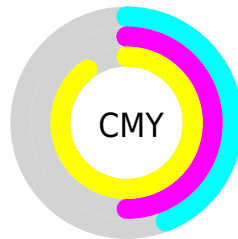
- Red (56%)
- Green (50%)
- Blue (10%)



- Red (18%)
- Yellow (56%)
- Blue (10%)



- Cyan (0%)
- Magenta (11%)
- Yellow (82%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1035, 21.0930, 4.0418 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 19.1035, 21.0930, 4.0418 by changing the saturation by 10% instead.

■ 19.1035, 21.0930,
4.0418

■ 19.1035, 21.0930,
4.0418

239.9467,
257.7723, 148.6888

■ 11.8495, 13.1920,
1.6483

■ 41.4244, 45.2423,
14.1060

■ 6.7128, 7.5609,
0.3249

■ 57.2221, 62.2593,
22.6139

■ 3.3279, 3.8153,
0.0000

■ 76.5984, 83.0838,
33.9969

■ 1.3294, 1.5708,
0.0000

■ 99.9187, 108.1002,
48.6737

■ 0.2051, 0.3378,
0.0000

■ 127.5483,
137.6929, 67.0627

■ 0.0000, 0.0000,
0.0000

■ 159.8526,

172.2462, 89.5825

197.1970,
212.1445, 116.6518

19.1035, 21.0930,
4.0418

19.1035, 21.0930,
4.0418

18.7320, 20.5451,
3.3168

19.5607, 21.6846,
5.1894

18.4663, 20.1171,
2.9097

20.1125, 22.3212,
6.8133

20.7684, 23.0073,
8.9609

21.5363, 23.7462,
11.6735

22.4231, 24.5407,
14.9880

■ 23.4355, 25.3935,
18.9384

■ 24.5793, 26.3069,
23.5562

■ 25.8602, 27.2833,
28.8707

■ 27.2834, 28.3248,
34.9094

Harmonies

Analogous

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



24.8433, 21.0930, 4.9444



19.1035, 21.0930, 4.0418



14.5304, 21.0930, 5.9992

Triad

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



19.1035, 21.0930, 4.0418



12.5613, 21.0930, 45.3280



31.3147, 21.0930, 38.2405

Complementary

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



19.1035, 21.0930, 4.0418



6.2119, 3.8587, 26.4037

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.



26.8114, 21.0930, 57.8685



19.1035, 21.0930, 4.0418



15.9137, 21.0930, 63.1102

Square

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



19.1035, 21.0930, 4.0418



11.2229, 21.0930, 25.8272



21.0237, 21.0930, 68.5221



32.5930, 21.0930, 20.3256

Rectangle

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



19.1035, 21.0930, 4.0418



12.5323, 21.0930, 9.6115



21.0237, 21.0930, 68.5221



30.0920, 21.0930, 45.0731

Sweetspot

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



19.1040, 21.0940, 4.0422



41.2697, 44.8968, 31.1522



12.1433, 6.7571, 3.0034



9.3336, 10.1857, 6.6353



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.



19.1040, 21.0940, 4.0422



33.0880, 36.0290, 5.3173



15.4941, 22.5471, 4.5129



5.7776, 6.1614, 5.7741



16.3391, 17.8098, 2.5765



0.1674, 0.1927, 0.0284

Inverse Universe

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



6.2119, 3.8587, 26.4037



9.3567, 4.4379, 46.9015



7.6389, 3.9138, 26.3391



5.1854, 5.3666, 6.7913



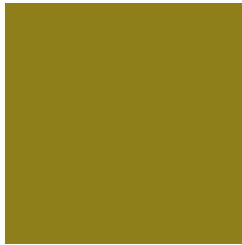
4.6079, 2.2017, 23.1592



0.0533, 0.0395, 0.2245

Previews

White Background



This preview shows how the XYZ color 19.1035, 21.0930, 4.0418 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 19.1035, 21.0930, 4.0418 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 19.1035, 21.0930, 4.0418

Background



This preview shows how black text looks on a background with the XYZ color 19.1035, 21.0930, 4.0418.



This preview shows how white text looks on a background with the XYZ color 19.1035, 21.0930,

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

19.1035, 21.0930, 4.0418

Protanopia

19.1035, 21.0930, 4.0418

Deuteranopia

21.4480, 21.0003, 4.1513



Tritanopia

22.8869, 20.9732, 22.9206

Trichromacy



Original Color

19.1035, 21.0930, 4.0418

Protanomaly

19.1035, 21.0930, 4.0418

Deuteranomaly

20.6312, 21.1247, 4.1525

Tritanomaly

20.7155, 20.6160, 12.5603

Monochromacy



Original Color

19.1035, 21.0930, 4.0418

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6648, 19.4270, 11.6229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1035, 21.0930, 4.0418 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(143, 127, 26)` looks like.

```
.text, #text, p{  
    color:rgb(143, 127, 26)  
}
```

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(143, 127, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 127, 26) }
```

Border

The CSS property to change the border of an element to XYZ 19.1035, 21.0930, 4.0418 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(143, 127, 26) }
```


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

```
.border{ border-color:rgb(143, 127, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 127, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 127, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 127, 26);  
box-shadow:4px 4px 4px 4px rgb(143, 127,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1035, 21.0930, 4.0418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 127, 26) }
```

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

```
.background{ background-color: rgb(143,  
127, 26) }
```

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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