

Converting Colors

XYZ(19.4130, 22.6547, 3.7304)

Have a look what the booklet for
XYZ(19.4130, 22.6547, 3.7304)
contains.

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Color

**XYZ(19.4130, 22.6547,
3.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	8C860D
RGB	140, 134, 13
RGB Percent	55%, 53%, 5%
CMY	0.4510, 0.4745, 0.9490
CMYK	0.00, 0.04, 0.91, 0.45
HSL	57°, 83%, 30%
HSV	57°, 91%, 55%
XYZ	19.4130, 22.6547, 3.7304
YIQ	122.0000, 42.4170, -36.3590

Conversions

Conversions Part 2

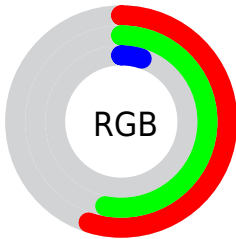
Format	Color
RYB	19, 140, 13
Decimal	9209357
CIELab	54.71, -10.35, 56.96
CIELCh	55, 57.897, 100.297
Yxy	22.6547, 0.4239, 0.4947
Android (android.graphics.Color)	4287399437 (0xFF8C860D)
YUV	122.0000, -53.7370, 15.7860
Hunter-Lab	47.5970, -10.4913, 28.6710

Details

The XYZ color **19.4130, 22.6547, 3.7304** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.1327, 2.4450, 25.0123**, and the grayscale version is **18.6598, 19.6316, 21.3788**.

A 20% lighter version of the original color is **41.9989, 47.8920, 13.3338**, and **7.0863, 8.4754, 1.2624** is the 20% darker color. If you saturate the color by 10%, you get **19.2562, 22.4574, 3.3198**, and if you desaturate by 10%, it is **19.6304, 22.8892, 4.4208**.

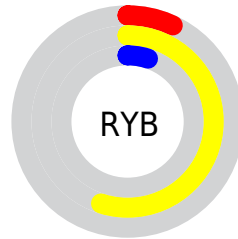
Distribution



Red (55%)

Green (53%)

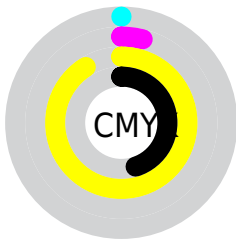
Blue (5%)



Red (7%)

Yellow (55%)

Blue (5%)

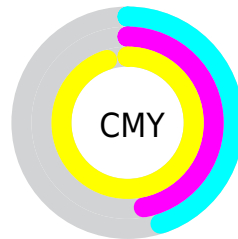


Cyan (0%)

Magenta (4%)

Yellow (91%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4130, 22.6547, 3.7304 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 19.4130, 22.6547, 3.7304 by changing the saturation by 10% instead.

■ 19.4130, 22.6547,
3.7304

■ 19.4130, 22.6547,
3.7304

241.6140,
265.9465, 145.1799

■ 12.0749, 14.3387,
1.4786

■ 41.9423, 47.8257,
13.3831

■ 6.8672, 8.3566,
0.2019

■ 57.8642, 65.4496,
21.6210

■ 3.4248, 4.3240,
0.0000

■ 77.3780, 86.9449,
32.6915

■ 1.3822, 1.8564,
0.0000

■ 100.8492,
112.6960, 47.0130

■ 0.2435, 0.5220,
0.0000

■ 128.6430,
143.0873, 65.0040

■ 0.0000, 0.0000,
0.0000

■ 161.1248,

178.5032, 87.0831

198.6600,
219.3281, 113.6689

19.4130, 22.6547,
3.7304

19.4130, 22.6547,
3.7304

19.2562, 22.4574,
3.3198

19.6304, 22.8892,
4.4208

19.9251, 23.1546,
5.5177

20.3073, 23.4560,
7.0726

20.7853, 23.7966,
9.1293

21.3665, 24.1794,
11.7263

■ 22.0574, 24.6070,
14.8984

■ 22.8642, 25.0819,
18.6776

■ 23.7923, 25.6062,
23.0934

■ 24.8472, 26.1822,
28.1734

Harmonies

Analogous

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



25.9401, 22.6547, 4.1700



19.4130, 22.6547, 3.7304



14.5319, 22.6547, 6.4003

Triad

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



19.4130, 22.6547, 3.7304



13.4644, 22.6547, 55.0890



35.2734, 22.6547, 38.5130

Complementary

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



19.4130, 22.6547, 3.7304



5.1327, 2.4450, 25.0123

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.



30.4831, 22.6547, 62.3488



19.4130, 22.6547, 3.7304



17.6550, 22.6547, 74.7454

Square

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



19.4130, 22.6547, 3.7304



11.5757, 22.6547, 31.4966



23.8012, 22.6547, 77.9124



36.0020, 22.6547, 18.9039

Rectangle

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



19.4130, 22.6547, 3.7304



12.5364, 22.6547, 11.0303



23.8012, 22.6547, 77.9124



34.0457, 22.6547, 46.4985

Sweetspot

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



19.4135, 22.6558, 3.7309



39.3125, 43.6372, 28.2404



11.0798, 5.9117, 1.1894



8.9660, 9.9997, 6.0762



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.4135, 22.6558, 3.7309



33.9160, 39.5262, 5.8418



13.0051, 20.6175, 3.6752



5.4112, 5.8052, 5.3877



17.1141, 19.9627, 2.9512



0.1166, 0.1384, 0.0206

Inverse Universe

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



5.1327, 2.4450, 25.0123



8.4384, 3.5238, 43.9784



7.4146, 3.4894, 25.0936



4.7924, 4.9277, 6.3044



4.2740, 1.8183, 22.1714



0.0306, 0.0164, 0.1480

Previews

White Background



This preview shows how the XYZ color 19.4130, 22.6547, 3.7304 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 19.4130, 22.6547, 3.7304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

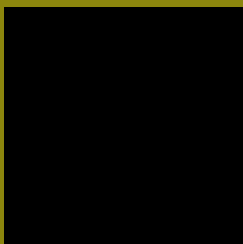
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4130, 22.6547, 3.7304

Background



This preview shows how black text looks on a background with the XYZ color 19.4130, 22.6547, 3.7304.



This preview shows how white text looks on a background with the XYZ color 19.4130, 22.6547,

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

19.4130, 22.6547, 3.7304

Protanopia

20.3954, 22.5550, 3.6264

Deuteranopia

22.8794, 22.4765, 3.9431



Tritanopia

23.8494, 22.6844, 25.6758

Trichromacy



Original Color

19.4130, 22.6547, 3.7304

Protanomaly

19.9947, 22.5488, 3.6464

Deuteranomaly

21.5470, 22.5533, 3.8337

Tritanomaly

21.2417, 22.1963, 12.8376

Monochromacy



Original Color

19.4130, 22.6547, 3.7304

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0371, 20.1980, 10.9306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4130, 22.6547, 3.7304 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(140, 134, 13)` looks like.

```
.text, #text, p{  
    color:rgb(140, 134, 13)  
}
```

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(140, 134, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 134, 13) }
```

Border

The CSS property to change the border of an element to XYZ 19.4130, 22.6547, 3.7304 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(140, 134, 13) }
```


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

```
.border{ border-color:rgb(140, 134, 13) }
```

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

Here you see how a box with a 4 pixel rgb(140, 134, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 134, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 134, 13);  
box-shadow:4px 4px 4px 4px rgb(140, 134,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4130, 22.6547, 3.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 134, 13) }
```

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

```
.background{ background-color: rgb(140,  
134, 13) }
```

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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