

Converting Colors

XYZ(19.3257, 22.1891, 3.6834)

Have a look what the booklet for
XYZ(19.3257, 22.1891, 3.6834)
contains.

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Color

**XYZ(19.3150, 22.1970,
3.6819)**

Conversions

Conversions Part 1

Format	Color
Hex	8D840E
RGB	141, 132, 14
RGB Percent	55%, 52%, 5%
CMY	0.4471, 0.4823, 0.9451
CMYK	0.00, 0.06, 0.90, 0.45
HSL	56°, 82%, 30%
HSV	56°, 90%, 55%
XYZ	19.3150, 22.1970, 3.6819
YIQ	121.2390, 43.2420, -34.7900

Conversions

Conversions Part 2

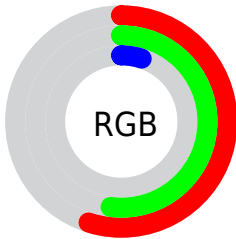
Format	Color
R _Y B	24, 141, 14
Decimal	9274382
CIE Lab	54.24, -8.78, 56.42
CIE LCh	54, 57.100, 98.844
Yxy	22.1970, 0.4274, 0.4912
Android (android.graphics.Color)	4287464462 (0xFF8D840E)
YUV	121.2390, -52.8688, 17.3304
Hunter-Lab	47.1137, -9.2701, 28.3461

Details

The XYZ color **19.3150, 22.1970, 3.6819** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.2953, 2.6294, 25.4274**, and the grayscale version is **18.4082, 19.3668, 21.0905**.

A 20% lighter version of the original color is **41.8403, 47.1847, 13.2057**, and **7.0237, 8.2127, 1.2150** is the 20% darker color. If you saturate the color by 10%, you get **19.1023, 21.8985, 3.2200**, and if you desaturate by 10%, it is **19.5832, 22.5229, 4.4206**.

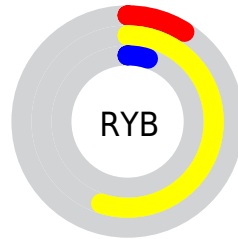
Distribution



Red (55%)

Green (52%)

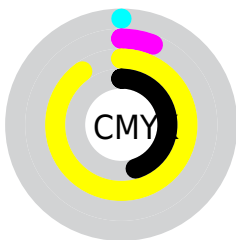
Blue (5%)



Red (9%)

Yellow (55%)

Blue (5%)

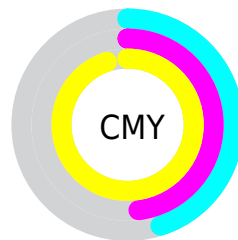


Cyan (0%)

Magenta (6%)

Yellow (90%)

Black (45%)



Cyan (45%)

Magenta (48%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3150, 22.1970, 3.6819 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 19.3150, 22.1970, 3.6819 by changing the saturation by 10% instead.

■ 19.3150, 22.1970,
3.6819

■ 19.3150, 22.1970,
3.6819

241.0871,
263.5733, 144.6212

■ 12.0035, 14.0017,
1.4525

■ 41.7785, 47.0714,
13.2692

■ 6.8183, 8.1219,
0.1822

■ 57.6611, 64.5193,
21.4642

■ 3.3940, 4.1730,
0.0000

■ 77.1315, 85.8202,
32.4849

■ 1.3654, 1.7708,
0.0000

■ 100.5550,
111.3584, 46.7496

■ 0.2314, 0.4689,
0.0000

■ 128.2970,
141.5185, 64.6771

■ 0.0000, 0.0000,
0.0000

■ 160.7227,

176.6847, 86.6859

198.1977,
217.2416, 113.1944

19.3150, 22.1970,
3.6819

19.3150, 22.1970,
3.6819

19.1023, 21.8985,
3.2200

19.5832, 22.5229,
4.4206

19.9313, 22.8819,
5.5762

20.3697, 23.2792,
7.2006

20.9068, 23.7180,
9.3381

21.5498, 24.2014,
12.0275

■ 22.3057, 24.7319,
15.3042

■ 23.1804, 25.3121,
19.2004

■ 24.1797, 25.9443,
23.7460

■ 25.3089, 26.6305,
28.9692

Harmonies

Analogous

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



25.7060, 22.1970, 4.2502



19.3150, 22.1970, 3.6819



14.4611, 22.1970, 6.1227

Triad

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



19.3150, 22.1970, 3.6819



13.0988, 22.1970, 52.5785



34.3038, 22.1970, 38.7269

Complementary

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



19.3150, 22.1970, 3.6819



5.2953, 2.6294, 25.4274

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.



29.5055, 22.1970, 61.7733



19.3150, 22.1970, 3.6819



17.0757, 22.1970, 72.1292

Square

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



19.3150, 22.1970, 3.6819



11.3636, 22.1970, 29.8151



22.9866, 22.1970, 76.1352



35.2283, 22.1970, 19.2845

Rectangle

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



19.3150, 22.1970, 3.6819



12.4420, 22.1970, 10.4447



22.9866, 22.1970, 76.1352



33.0509, 22.1970, 46.5232

Sweetspot

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



19.3155, 22.1981, 3.6823



40.3157, 44.5414, 29.0370



11.3126, 6.0453, 1.4673



8.9074, 9.8826, 6.0567



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.



19.3155, 22.1981, 3.6823



34.1581, 39.1143, 5.7495



13.6367, 21.1601, 3.7813



5.8073, 6.2209, 5.7841



17.4228, 19.9772, 2.9377



0.1729, 0.2037, 0.0302

Inverse Universe

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



5.2953, 2.6294, 25.4274



8.7538, 3.7319, 45.3868



7.2741, 3.4278, 25.4772



5.1584, 5.3126, 6.7823



4.4876, 1.9613, 23.1191



0.0478, 0.0285, 0.2227

Previews

White Background



This preview shows how the XYZ color 19.3150, 22.1970, 3.6819 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 19.3150, 22.1970, 3.6819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

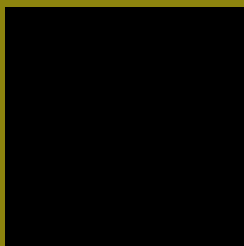
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3150, 22.1970, 3.6819

Background



This preview shows how black text looks on a background with the XYZ color 19.3150, 22.1970, 3.6819.



This preview shows how white text looks on a background with the XYZ color 19.3150, 22.1970,

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

19.3150, 22.1970, 3.6819

Protanopia

19.9093, 22.1053, 3.5982

Deuteranopia

22.5376, 22.1164, 3.8401



Tritanopia

23.6422, 22.2214, 24.8729

Trichromacy



Original Color

19.3150, 22.1970, 3.6819

Protanomaly

19.6905, 22.1909, 3.6262

Deuteranomaly

21.2887, 22.0366, 3.7476

Tritanomaly

21.1181, 21.7540, 12.5371

Monochromacy



Original Color

19.3150, 22.1970, 3.6819

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.7587, 19.8656, 10.8811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3150, 22.1970, 3.6819 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(141, 132, 14)` looks like.

```
.text, #text, p{  
    color:rgb(141, 132, 14)  
}
```

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(141, 132, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 132, 14) }
```

Border

The CSS property to change the border of an element to XYZ 19.3150, 22.1970, 3.6819 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(141, 132, 14) }
```


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

```
.border{ border-color:rgb(141, 132, 14) }
```

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

Here you see how a box with a 4 pixel rgb(141, 132, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 132, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 132, 14);  
box-shadow:4px 4px 4px 4px rgb(141, 132,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3150, 22.1970, 3.6819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 132, 14) }
```

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

```
.background{ background-color: rgb(141,  
132, 14) }
```

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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