

Converting Colors

XYZ(14.9891, 22.8146, 11.3990)

Have a look what the booklet for
XYZ(14.9891, 22.8146, 11.3990)
contains.

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Color

**XYZ(14.9885, 22.8141,
11.3982)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9251
RGB	79, 146, 81
RGB Percent	31%, 57%, 32%
CMY	0.6902, 0.4274, 0.6823
CMYK	0.46, 0.00, 0.45, 0.43
HSL	122°, 30%, 44%
HSV	122°, 46%, 57%
XYZ	14.9885, 22.8141, 11.3982
YIQ	118.5570, -19.0670, -34.4190

Conversions

Conversions Part 2

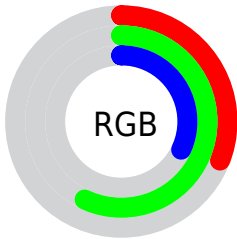
Format	Color
R_{YB}	79, 144, 146
Decimal	5214801
CIE _{Lab}	54.88, -35.39, 27.95
CIE _{LCh}	55, 45.092, 141.698
Y _{xy}	22.8141, 0.3046, 0.4637
Android (android.graphics.Color)	4283404881 (0xFF4F9251)
YUV	118.5570, -18.5156, -34.6915
Hunter-Lab	47.7641, -27.5734, 19.2862

Details

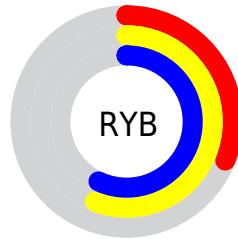
The XYZ color **14.9885, 22.8141, 11.3982** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.6847, 13.7169, 27.9961**, and the grayscale version is **17.4560, 18.3651, 19.9996**.

A 20% lighter version of the original color is **34.2667, 47.8528, 28.9032**, and **4.7576, 8.4941, 2.9021** is the 20% darker color. If you saturate the color by 10%, you get **13.4280, 22.0654, 8.8361**, and if you desaturate by 10%, it is **16.9277, 23.7465, 14.5574**.

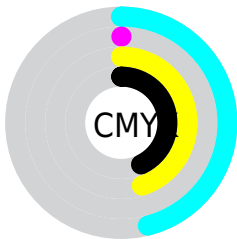
Distribution



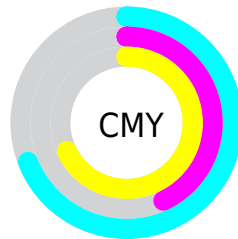
- Red (31%)
- Green (57%)
- Blue (32%)



- Red (31%)
- Yellow (56%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (45%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9885, 22.8141, 11.3982 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 14.9885, 22.8141, 11.3982 by changing the saturation by 10% instead.

■ 14.9885, 22.8141,
11.3982

■ 14.9885, 22.8141,
11.3982

216.6864,
266.7687, 211.2140

■ 8.8976, 14.4563,
6.2178

■ 34.4048, 48.0879,
29.0420

■ 4.7310, 8.4387,
2.9070

■ 48.4609, 65.7727,
42.3425

■ 2.1234, 4.3769,
1.0474

■ 65.9028, 87.3353,
59.1868

■ 0.7019, 1.8866,
0.0000

■ 87.0959, 113.1600,
79.9934

■ 0.0000, 0.5403,
0.0000

■ 112.4054,
143.6313, 105.1809

■ 0.0000, 0.0000,
0.0000

142.1967,

179.1336, 135.1678

176.8353,
220.0513, 170.3727

■ 14.9885, 22.8141,
11.3982

■ 14.9885, 22.8141,
11.3982

■ 13.4280, 22.0654,
8.8361

■ 16.9277, 23.7465,
14.5574

■ 12.2200, 21.4858,
6.8321

■ 19.2662, 24.8707,
18.3464

■ 11.3374, 21.0628,
5.3451


■ 22.0254, 26.1974,
22.7972


■ 10.7487, 20.7812,
4.3278


■ 25.2245, 27.7361,
27.9394


■ 10.4102, 20.6197,
3.7237

■ 28.8815, 29.4954,
33.8005

 10.3032, 20.5682,
3.5523

 33.0134, 31.4835,
40.4068

 37.6364, 33.7083,
47.7831

 42.7659, 36.1772,
55.9532

 48.4167, 38.8972,
64.9398

Harmonies

Analogous

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



18.3246, 22.8141, 7.0499



14.9885, 22.8141, 11.3982



13.5035, 22.8141, 21.0780

Triad

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



14.9885, 22.8141, 11.3982



20.3271, 22.8141, 63.1933



31.8844, 22.8141, 15.9984

Complementary

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



14.9885, 22.8141, 11.3982



19.6847, 13.7169, 27.9961

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.



32.6398, 22.8141, 29.0264



14.9885, 22.8141, 11.3982



25.4310, 22.8141, 60.1499

Square

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



14.9885, 22.8141, 11.3982



16.2610, 22.8141, 53.2706



30.1251, 22.8141, 46.0786



28.1961, 22.8141, 8.9073

Rectangle

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



14.9885, 22.8141, 11.3982



13.5756, 22.8141, 30.8432



30.1251, 22.8141, 46.0786



32.5102, 22.8141, 19.6723

Sweetspot

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



14.9891, 22.8151, 11.3987



39.7080, 46.6241, 41.5904



23.3476, 27.1326, 11.4037



8.6049, 10.2621, 8.8843



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.



14.9891, 22.8151, 11.3987



23.6338, 38.8984, 15.4985



16.5194, 23.4272, 19.4571



5.7362, 6.4711, 6.2217



9.0680, 18.1000, 3.1339



0.1124, 0.2221, 0.0457

Inverse Universe

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



19.6847, 13.7169, 27.9961



32.9741, 20.7923, 48.5066



17.5411, 12.8594, 16.7079



6.0279, 5.9062, 7.2531



14.7059, 7.0874, 22.9960



0.1819, 0.0875, 0.2915

Previews

White Background



This preview shows how the XYZ color 14.9885, 22.8141, 11.3982 looks on a white background.

Color Contrast Check

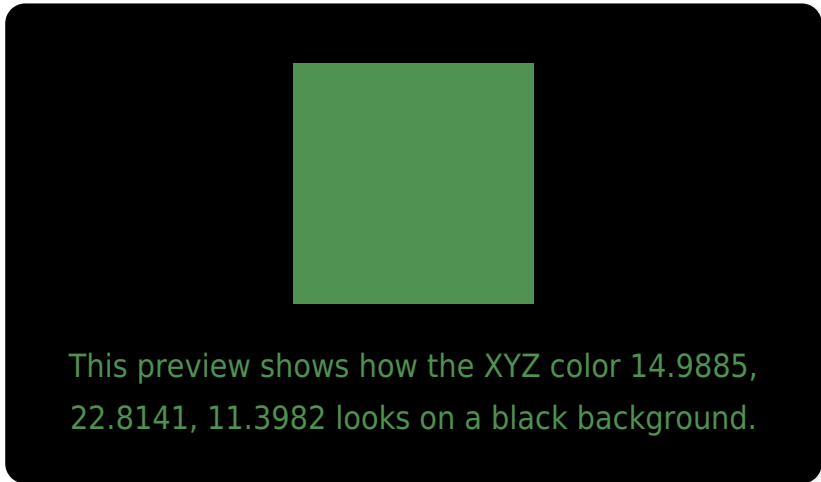
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9885, 22.8141, 11.3982

Background



This preview shows how black text looks on a background with the XYZ color 14.9885, 22.8141, 11.3982.



This preview shows how white text looks on a background with the XYZ color 14.9885, 22.8141,

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

14.9885, 22.8141, 11.3982

Protanopia

20.7140, 22.5802, 9.9233

Deuteranopia

22.9180, 22.5072, 11.9405



Tritanopia

19.0275, 22.6740, 31.8074

Trichromacy



Original Color

14.9885, 22.8141, 11.3982

Protanomaly

17.8894, 22.1372, 10.3512

Deuteranomaly

19.0410, 22.0823, 11.6462

Tritanomaly

17.1875, 22.5797, 22.5212

Monochromacy



Original Color

14.9885, 22.8141, 11.3982

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.1090, 19.6635, 16.3110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9885, 22.8141, 11.3982 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(79, 146, 81)` looks like.

```
.text, #text, p{  
    color:rgb(79, 146, 81)  
}
```

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(79, 146, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 146, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.9885, 22.8141, 11.3982 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(79, 146, 81) }
```


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

```
.border{ border-color:rgb(79, 146, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 146, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 146, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 146, 81);  
box-shadow:4px 4px 4px 4px rgb(79, 146,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9885, 22.8141, 11.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 146, 81) }
```

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

```
.background{ background-color: rgb(79, 146,  
81) }
```

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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