

Converting Colors

XYZ(22.4296, 31.5617, 15.9762)

Have a look what the booklet for
XYZ(22.4296, 31.5617, 15.9762)
contains.

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Color

**XYZ(22.4296, 31.5617,
15.9762)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 70A660 |
| RGB | 112, 166, 96 |
| RGB Percent | 44%, 65%, 38% |
| CMY | 0.5608, 0.3490, 0.6235 |
| CMYK | 0.33, 0.00, 0.42, 0.35 |
| HSL | 106°, 28%, 51% |
| HSV | 106°, 42%, 65% |
| XYZ | 22.4296, 31.5617, 15.9762 |
| YIQ | 141.8740, -9.7140, -33.2180 |

Conversions

Conversions Part 2

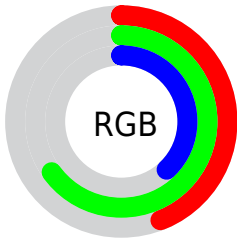
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 96, 166, 150 |
| Decimal | 7382624 |
| CIELab | 62.98, -31.45, 30.68 |
| CIELCh | 63, 43.935, 135.704 |
| Yxy | 31.5617, 0.3206, 0.4511 |
| Android (android.graphics.Color) | 4285572704 (0xFF70A660) |
| YUV | 141.8740, -22.6159, -26.1995 |
| Hunter-Lab | 56.1798, -27.0491, 22.4652 |

Details

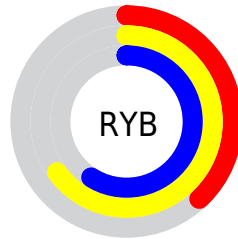
The XYZ color **22.4296, 31.5617, 15.9762** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.6450, 17.6040, 38.2298**, and the grayscale version is **25.7513, 27.0924, 29.5036**.

A 20% lighter version of the original color is **46.8488, 61.9265, 37.0876**, and **8.4753, 13.2401, 4.9052** is the 20% darker color. If you saturate the color by 10%, you get **20.2296, 30.5077, 12.2964**, and if you desaturate by 10%, it is **25.0244, 32.8025, 20.5183**.

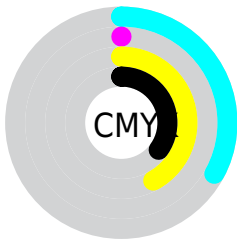
Distribution



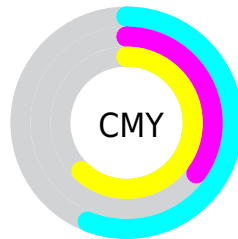
- Red (44%)
- Green (65%)
- Blue (38%)



- Red (38%)
- Yellow (65%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4296, 31.5617, 15.9762 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 22.4296, 31.5617, 15.9762 by changing the saturation by 10% instead.

■ 22.4296, 31.5617,
15.9762

■ 22.4296, 31.5617,
15.9762

257.3720,
309.1178, 241.0422

■ 14.2913, 21.0269,
9.3531

■ 46.9286, 62.1233,
37.3231

■ 8.4066, 13.1437,
4.8723

■ 64.0200, 82.9190,
52.8840

■ 4.4102, 7.5276,
2.1151

■ 84.8264, 107.9038,
72.2613

■ 1.9367, 3.7942,
0.6247

■ 109.7133,
137.4620, 95.8735

■ 0.5980, 1.5591,
0.0000

139.0459,
171.9782, 124.1391

■ 0.0000, 0.3298,
0.0000

173.1897,

■ 0.0000, 0.0000,

211.8366, 157.4768

0.0000

212.5099,
257.4216, 196.3049

■ 22.4296, 31.5617,
15.9762

■ 22.4296, 31.5617,
15.9762

■ 20.2296, 30.5077,
12.2964

■ 25.0244, 32.8025,
20.5183

■ 18.4020, 29.6273,
9.4223

■ 28.0301, 34.2344,
25.9702

■ 16.9258, 28.9118,
7.2940


■ 31.4649, 35.8668,
32.3785


■ 15.7767, 28.3504,
5.8424


■ 35.3450, 37.7072,
39.7861


■ 14.9269, 27.9304,
4.9852


■ 39.6858, 39.7625,
48.2331

 14.4339, 27.6846,
4.5829

 44.5021, 42.0395,
57.7576

 49.8077, 44.5447,
68.3955

 55.6162, 47.2843,
80.1815

 61.9405, 50.2641,
93.1482

Harmonies

Analogous

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



26.9633, 31.5617, 11.2596



22.4296, 31.5617, 15.9762



20.0923, 31.5617, 26.7883

Triad

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



22.4296, 31.5617, 15.9762



27.2208, 31.5617, 77.7274



42.6264, 31.5617, 26.1255

Complementary

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



22.4296, 31.5617, 15.9762



23.6450, 17.6040, 38.2298

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.



42.7198, 31.5617, 43.2513



22.4296, 31.5617, 15.9762



33.2532, 31.5617, 77.3636

Square

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



22.4296, 31.5617, 15.9762



22.5962, 31.5617, 64.0947



39.1031, 31.5617, 63.2234



38.8629, 31.5617, 15.6320

Rectangle

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



22.4296, 31.5617, 15.9762



19.8618, 31.5617, 37.7783



39.1031, 31.5617, 63.2234



43.1034, 31.5617, 31.1644

Sweetspot

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



22.4304, 31.5630, 15.9769



56.3962, 64.7562, 57.4280



28.6918, 30.6594, 15.4725



12.3107, 14.3441, 12.2694



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



22.4304, 31.5630, 15.9769



36.7940, 55.4048, 22.4473



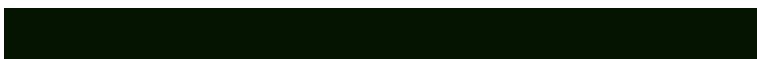
21.5364, 30.9908, 20.9667



7.5912, 8.4874, 8.0274



11.2274, 21.4852, 3.5553



0.3156, 0.5446, 0.0885

Inverse Universe

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



23.6450, 17.6040, 38.2298



39.2758, 26.4872, 68.5178



25.2026, 18.5907, 30.0024



7.6718, 7.5789, 9.4769



12.2897, 5.7190, 28.4316



0.3391, 0.1598, 0.6936

Previews

White Background



This preview shows how the XYZ color 22.4296, 31.5617, 15.9762 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 22.4296, 31.5617, 15.9762 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 ✓ Pass

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

XYZ 22.4296, 31.5617, 15.9762

Background



This preview shows how black text looks on a background with the XYZ color 22.4296, 31.5617, 15.9762.



This preview shows how white text looks on a background with the XYZ color 22.4296, 31.5617,

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

22.4296, 31.5617, 15.9762

Protanopia

28.8424, 31.3188, 14.4225

Deuteranopia

31.7658, 31.1355, 16.6474



Tritanopia

27.7701, 31.3762, 42.6228

Trichromacy



Original Color

22.4296, 31.5617, 15.9762

Protanomaly

25.8868, 31.0152, 14.9781

Deuteranomaly

27.5480, 30.8514, 16.3074

Tritanomaly

25.2745, 31.1179, 30.6608

Monochromacy



Original Color

22.4296, 31.5617, 15.9762

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.1284, 28.4392, 23.6196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4296, 31.5617, 15.9762 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(112, 166, 96)` looks like.

```
.text, #text, p{  
    color:rgb(112, 166, 96)  
}
```

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(112, 166, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 166, 96) }
```

Border

The CSS property to change the border of an element to XYZ 22.4296, 31.5617, 15.9762 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(112, 166, 96) }
```


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

```
.border{ border-color:rgb(112, 166, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 166, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 166, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 166, 96);  
box-shadow:4px 4px 4px 4px rgb(112, 166,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4296, 31.5617, 15.9762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 166, 96) }
```

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

```
.background{ background-color: rgb(112,  
166, 96) }
```

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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