

Converting Colors

XYZ(30.2153, 31.4060, 20.0548)

Have a look what the booklet for
XYZ(30.2153, 31.4060, 20.0548)
contains.

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Color

**XYZ(30.2492, 31.4400,
20.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	A99671
RGB	169, 150, 113
RGB Percent	66%, 59%, 44%
CMY	0.3373, 0.4117, 0.5569
CMYK	0.00, 0.11, 0.33, 0.34
HSL	40°, 25%, 55%
HSV	40°, 33%, 66%
XYZ	30.2492, 31.4400, 20.0970
YIQ	151.4630, 23.2010, -7.4790

Conversions

Conversions Part 2

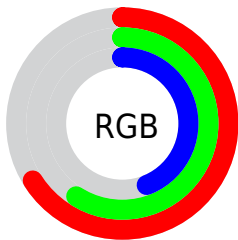
Format	Color
RYB	142, 169, 113
Decimal	11114097
CIELab	62.88, 1.38, 22.12
CIElCh	63, 22.166, 86.420
Yxy	31.4400, 0.3699, 0.3844
Android (android.graphics.Color)	4289304177 (0xFFA99671)
YUV	151.4630, -18.9623, 15.3799
Hunter-Lab	56.0714, -1.8283, 17.9994

Details

The XYZ color **30.2492, 31.4400, 20.0970** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.2226, 22.8771, 40.7807**, and the grayscale version is **29.6865, 31.2325, 34.0122**.

A 20% lighter version of the original color is **59.4357, 61.9099, 44.4145**, and **12.6184, 13.0183, 6.8488** is the 20% darker color. If you saturate the color by 10%, you get **28.4927, 29.3104, 15.2466**, and if you desaturate by 10%, it is **32.2293, 33.7329, 25.8969**.

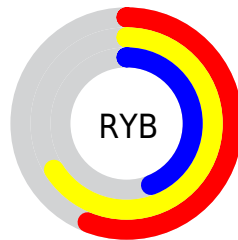
Distribution



Red (66%)

Green (59%)

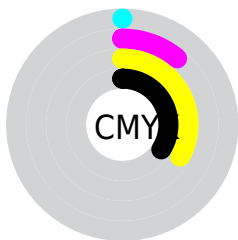
Blue (44%)



Red (56%)

Yellow (66%)

Blue (44%)

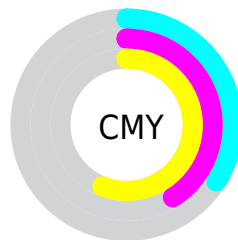


Cyan (0%)

Magenta (11%)

Yellow (33%)

Black (34%)



Cyan (34%)


Magenta (41%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2492, 31.4400, 20.0970 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 30.2492, 31.4400, 20.0970 by changing the saturation by 10% instead.


 30.2492, 31.4400,
20.0970


 30.2492, 31.4400,
20.0970


294.9533,
308.5603, 265.0613


 20.1768, 20.9341,
12.2808

 59.4400, 61.9321,
44.4409


 12.6327, 13.0759,
6.8104

 79.2891, 82.6872,
61.8056

 7.2513, 7.4808,
3.2671


 103.1278,
107.6275, 83.1903

 3.6675, 3.7646,
1.2326

 131.3215,
137.1373, 109.0134

 1.5158, 1.5428,
0.0056

164.2356,
171.6011, 139.6935

 0.3365, 0.3185,
0.0000

202.2353,

 0.0000, 0.0000,

211.4033, 175.6492

0.0000

245.6861,
256.9282, 217.2989

■ 30.2492, 31.4400,
20.0970

■ 30.2492, 31.4400,
20.0970

■ 28.4927, 29.3104,
15.2466

■ 32.2293, 33.7329,
25.8969

■ 26.9469, 27.3345,
11.2914

■ 34.4403, 36.1897,
32.6922

■ 25.6010, 25.5082,
8.1752

■ 36.8920, 38.8164,
40.5287

■ 24.4425, 23.8253,
5.8338

■ 39.5931, 41.6173,
49.4481

■ 23.4567, 22.2790,
4.1943

■ 42.5515, 44.5967,
59.4904

■ 22.6265, 20.8612,
3.1692

■ 45.7751, 47.7585,
70.6932

■ 22.1203, 19.9512,
2.6851

■ 49.2711, 51.1065,
83.0925

■ 53.0466, 54.6446,
96.7226

■ 55.4389, 57.7083,
102.8246

Harmonies

Analogous

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



33.2334, 31.4400, 22.0954



30.2492, 31.4400, 20.0970



27.3569, 31.4400, 21.3240

Triad

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



30.2492, 31.4400, 20.0970



24.9482, 31.4400, 42.2339



35.0213, 31.4400, 44.3507

Complementary

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



30.2492, 31.4400, 20.0970



22.2226, 22.8771, 40.7807

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.



32.5595, 31.4400, 51.5178



30.2492, 31.4400, 20.0970



26.7653, 31.4400, 50.1574

Square

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



30.2492, 31.4400, 20.0970



24.4208, 31.4400, 33.1983



29.5193, 31.4400, 53.8038



36.1038, 31.4400, 35.2886

Rectangle

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



30.2492, 31.4400, 20.0970



25.8456, 31.4400, 23.9417



29.5193, 31.4400, 53.8038



34.3199, 31.4400, 47.1170

Sweetspot

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



30.2500, 31.4414, 20.0977



62.9330, 66.1723, 62.5015



26.4736, 21.9280, 24.8833



13.5916, 14.2874, 13.2269



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.



30.2500, 31.4414, 20.0977



51.7548, 53.3908, 29.2571



31.7862, 37.1039, 21.1096



7.9293, 8.3387, 7.9809



16.5371, 14.9715, 2.0182



0.4468, 0.4532, 0.0639

Inverse Universe

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



22.2226, 22.8771, 40.7807



35.0796, 35.6094, 72.2495



21.0082, 18.7691, 40.0518



7.3321, 7.7010, 9.5183



6.4853, 4.4307, 28.4889



0.2050, 0.2022, 0.7089

Previews

White Background



This preview shows how the XYZ color 30.2492, 31.4400, 20.0970 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 30.2492, 31.4400, 20.0970 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 30.2492, 31.4400, 20.0970

Background



This preview shows how black text looks on a background with the XYZ color 30.2492, 31.4400, 20.0970.



This preview shows how white text looks on a background with the XYZ color 30.2492, 31.4400,

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

30.2492, 31.4400, 20.0970

Protanopia

29.3698, 31.4579, 20.4436

Deuteranopia

31.9066, 31.3564, 20.2903



Tritanopia

33.4296, 31.3455, 35.7408

Trichromacy



Original Color

30.2492, 31.4400, 20.0970

Protanomaly

29.6209, 31.3475, 20.4091

Deuteranomaly

31.1502, 31.1963, 20.2993

Tritanomaly

32.0258, 31.2219, 29.1494

Monochromacy



Original Color

30.2492, 31.4400, 20.0970

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.6825, 31.2085, 28.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2492, 31.4400, 20.0970 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(169, 150, 113)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 113)  
}
```

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(169, 150, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 113) }
```

Border

The CSS property to change the border of an element to XYZ 30.2492, 31.4400, 20.0970 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(169, 150, 113) }
```


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

```
.border{ border-color:rgb(169, 150, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 113);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2492, 31.4400, 20.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 113) }
```

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

```
.background{ background-color: rgb(169,  
150, 113) }
```

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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