

Converting Colors

XYZ(28.8606, 33.9956, 19.7925)

Have a look what the booklet for
XYZ(28.8606, 33.9956, 19.7925)
contains.

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Color

**XYZ(28.8606, 33.9956,
19.7925)**

Conversions

Conversions Part 1

Format	Color
Hex	98A36E
RGB	152, 163, 110
RGB Percent	60%, 64%, 43%
CMY	0.4039, 0.3608, 0.5686
CMYK	0.07, 0.00, 0.33, 0.36
HSL	72°, 22%, 54%
HSV	72°, 33%, 64%
XYZ	28.8606, 33.9956, 19.7925
YIQ	153.6690, 10.4570, -18.8150

Conversions

Conversions Part 2

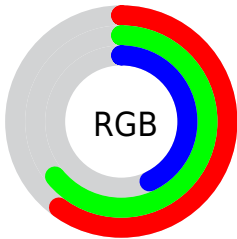
Format	Color
RYB	110, 163, 121
Decimal	10003310
CIELab	64.96, -12.89, 26.29
CIELCh	65, 29.282, 116.127
Yxy	33.9956, 0.3492, 0.4113
Android (android.graphics.Color)	4288193390 (0xFF98A36E)
YUV	153.6690, -21.5288, -1.4637
Hunter-Lab	58.3057, -13.6798, 20.6874

Details

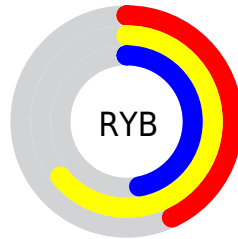
The XYZ color **28.8606, 33.9956, 19.7925** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.0732, 17.8620, 37.0420**, and the grayscale version is **30.6590, 32.2556, 35.1264**.

A 20% lighter version of the original color is **57.3251, 66.0168, 43.9036**, and **11.8095, 14.4260, 6.7195** is the 20% darker color. If you saturate the color by 10%, you get **27.4295, 33.3522, 15.5114**, and if you desaturate by 10%, it is **30.4748, 34.7167, 24.9358**.

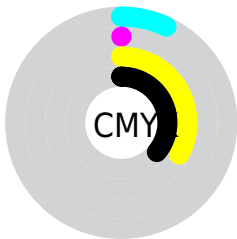
Distribution



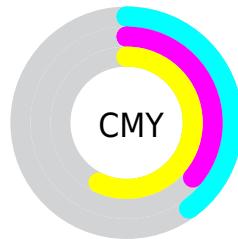
- Red (60%)
- Green (64%)
- Blue (43%)



- Red (43%)
- Yellow (64%)
- Blue (47%)



- Cyan (7%)
- Magenta (0%)
- Yellow (33%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8606, 33.9956, 19.7925 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 28.8606, 33.9956, 19.7925 by changing the saturation by 10% instead.

■ 28.8606, 33.9956,
19.7925

■ 28.8606, 33.9956,
19.7925

288.5627,
320.1124, 263.3566

■ 19.1191, 22.8902,
12.0617

■ 57.2546, 65.9268,
43.9234

■ 11.8609, 14.5125,
6.6627

■ 76.6379, 87.5215,
61.1606

■ 6.7206, 8.4779,
3.1768

■ 99.9658, 113.3813,
82.4037

■ 3.3327, 4.4023,
1.1856

■ 127.6038,
143.8907, 108.0713

■ 1.3321, 1.9010,
0.0000

159.9171,
179.4342, 138.5818

■ 0.2070, 0.5490,
0.0000

197.2711,

■ 0.0000, 0.0000,

220.3960, 174.3538

0.0000

240.0312,
267.1606, 215.8059

■ 28.8606, 33.9956,
19.7925

■ 28.8606, 33.9956,
19.7925

■ 27.4295, 33.3522,
15.5114

■ 30.4748, 34.7167,
24.9358

■ 26.1697, 32.7782,
12.0431

■ 32.2780, 35.5143,
30.9826

■ 25.0722, 32.2712,
9.3366

■ 34.2788, 36.3931,
37.9745

■ 24.1259, 31.8267,
7.3341

■ 36.4847, 37.3560,
45.9496

■ 23.3181, 31.4396,
5.9697

■ 38.9026, 38.4059,
54.9440

■ 22.6338, 31.1039,
5.1650

■ 41.5392, 39.5455,
64.9918

■ 22.1760, 30.8758,
4.7908

■ 44.4009, 40.7772,
76.1259

■ 47.4936, 42.1036,
88.3773

■ 50.5474, 43.4167,
100.3239

Harmonies

Analogous

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



32.8643, 33.9956, 18.2987



28.8606, 33.9956, 19.7925



26.0179, 33.9956, 25.4908

Triad

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



28.8606, 33.9956, 19.7925



27.9870, 33.9956, 59.9212



41.1256, 33.9956, 38.6112

Complementary

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



28.8606, 33.9956, 19.7925



20.0732, 17.8620, 37.0420

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.



39.5467, 33.9956, 51.5762



28.8606, 33.9956, 19.7925



31.7655, 33.9956, 65.4612

Square

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



28.8606, 33.9956, 19.7925



25.5453, 33.9956, 48.2506



36.0277, 33.9956, 62.1167



40.1786, 33.9956, 27.6755

Rectangle

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



28.8606, 33.9956, 19.7925



25.0409, 33.9956, 31.7063



36.0277, 33.9956, 62.1167



40.8693, 33.9956, 42.8865

Sweetspot

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



28.8615, 33.9971, 19.7932



58.6072, 63.9534, 58.2489



24.7088, 22.4910, 17.7912



13.0588, 14.3178, 12.7235



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.8615, 33.9971, 19.7932



49.8058, 60.0374, 29.7693



24.5023, 31.7499, 19.5892



7.5048, 8.1627, 7.5601



17.2722, 24.0146, 3.7249



0.3972, 0.5223, 0.0799

Inverse Universe

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



20.0732, 17.8620, 37.0420



31.6012, 26.5977, 65.5244



24.2385, 20.0093, 37.2369



6.8315, 6.9275, 8.8802



5.6784, 2.3338, 27.0810



0.1543, 0.0671, 0.5707

Previews

White Background



This preview shows how the XYZ color 28.8606, 33.9956, 19.7925 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 28.8606, 33.9956, 19.7925 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

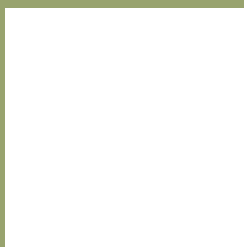
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8606, 33.9956, 19.7925

Background



This preview shows how black text looks on a background with the XYZ color 28.8606, 33.9956, 19.7925.



This preview shows how white text looks on a background with the XYZ color 28.8606, 33.9956,

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

28.8606, 33.9956, 19.7925

Protanopia

31.3413, 33.7427, 19.0485

Deuteranopia

34.5408, 33.8903, 20.3438



Tritanopia

33.4536, 34.0777, 41.8602

Trichromacy



Original Color

28.8606, 33.9956, 19.7925

Protanomaly

30.2627, 33.6869, 19.3752

Deuteranomaly

32.1015, 33.6112, 20.1249

Tritanomaly

31.5692, 34.0710, 32.5162

Monochromacy



Original Color

28.8606, 33.9956, 19.7925

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.7813, 32.7212, 28.7909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8606, 33.9956, 19.7925 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(152, 163, 110)` looks like.

```
.text, #text, p{  
    color:rgb(152, 163, 110)  
}
```

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(152, 163, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 163, 110) }
```

Border

The CSS property to change the border of an element to XYZ 28.8606, 33.9956, 19.7925 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(152, 163, 110) }
```


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

```
.border{ border-color:rgb(152, 163, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 163, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 163, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 163, 110);  
box-shadow:4px 4px 4px 4px rgb(152, 163,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8606, 33.9956, 19.7925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 163, 110) }
```

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

```
.background{ background-color: rgb(152,  
163, 110) }
```

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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