

Converting Colors

XYZ(33.5827, 29.0140, 14.4343)

Have a look what the booklet for
XYZ(33.5827, 29.0140, 14.4343)
contains.

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Color

**XYZ(33.5562, 28.9155,
14.4023)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C7825E |
| RGB | 199, 130, 94 |
| RGB Percent | 78%, 51%, 37% |
| CMY | 0.2196, 0.4902, 0.6314 |
| CMYK | 0.00, 0.35, 0.53, 0.22 |
| HSL | 21°, 48%, 57% |
| HSV | 21°, 53%, 78% |
| XYZ | 33.5562, 28.9155, 14.4023 |
| YIQ | 146.5270, 52.6800, 3.4320 |

Conversions

Conversions Part 2

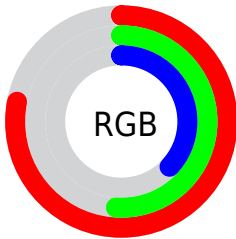
| Format | Color |
|-------------------------------------|--|
| RYB | 199, 149, 94 |
| Decimal | 13075038 |
| CIELab | 60.71, 22.75, 30.35 |
| CIElCh | 61, 37.931, 53.144 |
| Yxy | 28.9155, 0.4365, 0.3761 |
| Android (android.graphics.Color) | 4291265118 (0xFFC7825E) |
| YUV | 146.5270, -25.8958, 46.0188 |
| Hunter-Lab | 53.7731, 17.2869, 21.7613 |

Details

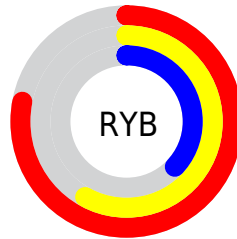
The XYZ color **33.5562, 28.9155, 14.4023** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **28.0214, 32.6961, 58.8668**, and the grayscale version is **27.6268, 29.0655, 31.6524**.

A 20% lighter version of the original color is **63.2843, 57.1713, 34.4878**, and **14.5371, 11.6933, 4.1802** is the 20% darker color. If you saturate the color by 10%, you get **31.1456, 25.3439, 9.7468**, and if you desaturate by 10%, it is **36.4195, 33.0242, 20.3449**.

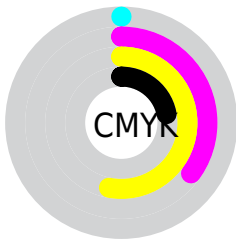
Distribution



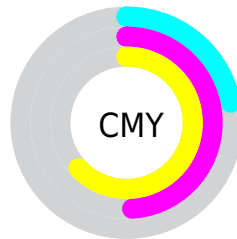
- Red (78%)
- Green (51%)
- Blue (37%)



- Red (78%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (22%)




- Cyan (22%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5562, 28.9155, 14.4023 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 33.5562, 28.9155, 14.4023 by changing the saturation by 10% instead.


 33.5562, 28.9155,
14.4023


 33.5562, 28.9155,
14.4023


309.7695,
296.8161, 231.2342


 22.7141, 19.0169,
8.2591


 64.5918, 57.9428,
34.5285

 14.5021, 11.6825,
4.1710


 85.5161, 77.8403,
49.3486

 8.5547, 6.5279,
1.7196


 110.5318,
101.8396, 67.8980

 4.5067, 3.1686,
0.3741

 140.0043,
130.3250, 90.5953

 1.9926, 1.2204,
0.0000

174.2990,
163.6809, 117.8590

 0.6298, 0.0783,
0.0000

213.7811,

 0.0000, 0.0000,

202.2918, 150.1077

0.0000

258.8162,
246.5421, 187.7599

■ 33.5562, 28.9155,
14.4023

■ 33.5562, 28.9155,
14.4023

■ 31.1456, 25.3439,
9.7468

■ 36.4195, 33.0242,
20.3449

■ 29.1592, 22.2813,
6.2787

■ 39.7573, 37.6877,
27.6606

■ 27.5682, 19.7034,
3.8864

■ 43.5926, 42.9283,
36.4299

■ 26.3383, 17.5812,
2.4352

■ 47.9458, 48.7657,
46.7265

■ 25.6346, 16.3051,
1.7961

■ 52.8366, 55.2184,
58.6191

■ 58.2832, 62.3044,
72.1721

■ 64.3032, 70.0405,
87.4465

■ 70.9131, 78.4434,
104.5001

■ 75.0758, 86.3074,
107.3098

Harmonies

Analogous

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



37.1307, 28.9155, 21.9919



33.5562, 28.9155, 14.4023



28.6280, 28.9155, 11.5200

Triad

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



33.5562, 28.9155, 14.4023



19.1211, 28.9155, 28.3596



31.3712, 28.9155, 63.5402

Complementary

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



33.5562, 28.9155, 14.4023



28.0214, 32.6961, 58.8668

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.



26.3695, 28.9155, 66.7655



33.5562, 28.9155, 14.4023



19.6709, 28.9155, 43.3766

Square

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



33.5562, 28.9155, 14.4023



20.5883, 28.9155, 17.8705



22.1912, 28.9155, 58.5143



35.7678, 28.9155, 50.6881

Rectangle

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



33.5562, 28.9155, 14.4023



25.3880, 28.9155, 11.7860



22.1912, 28.9155, 58.5143



29.6908, 28.9155, 65.9175

Sweetspot

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



33.5569, 28.9169, 14.4029



81.1990, 81.7169, 75.2456



34.2568, 22.8281, 37.7228



17.0372, 17.0316, 15.2939



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.5569, 28.9169, 14.4029



54.0929, 43.7079, 16.2577



42.1993, 46.2017, 17.2836



10.9263, 11.2217, 11.1529



16.5576, 10.6323, 1.1796



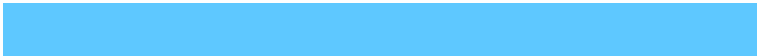
0.8515, 0.6385, 0.0784

Inverse Universe

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



28.0214, 32.6961, 58.8668



43.3362, 50.8865, 102.1458



20.6643, 17.9818, 56.4144



10.6287, 11.4314, 13.5638



11.9114, 13.2167, 36.6676



0.6295, 0.7567, 1.7580

Previews

White Background



This preview shows how the XYZ color 33.5562, 28.9155, 14.4023 looks on a white background.

Color Contrast Check

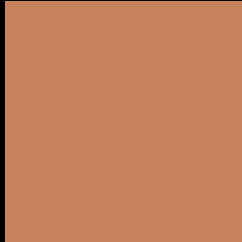
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5562, 28.9155, 14.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

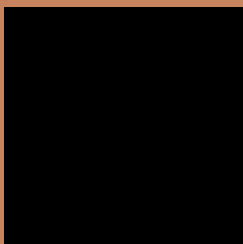
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5562, 28.9155, 14.4023

Background



This preview shows how black text looks on a background with the XYZ color 33.5562, 28.9155, 14.4023.



This preview shows how white text looks on a background with the XYZ color 33.5562, 28.9155,

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

33.5562, 28.9155, 14.4023

Protanopia

27.0808, 29.1780, 16.5165

Deuteranopia

29.4413, 28.8760, 14.1471



Tritanopia

35.9938, 28.9450, 26.2441

Trichromacy



Original Color

33.5562, 28.9155, 14.4023

Protanomaly

29.1850, 28.9303, 15.6012

Deuteranomaly

30.7875, 28.7129, 14.2754

Tritanomaly

35.0065, 28.9282, 21.1914

Monochromacy



Original Color

33.5562, 28.9155, 14.4023

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.1470, 28.7153, 24.4285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5562, 28.9155, 14.4023 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(199, 130, 94)` looks like.

```
.text, #text, p{  
    color:rgb(199, 130, 94)  
}
```

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(199, 130, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 130, 94) }
```

Border

The CSS property to change the border of an element to XYZ 33.5562, 28.9155, 14.4023 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(199, 130, 94) }
```


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

```
.border{ border-color:rgb(199, 130, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 130, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 130, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 130, 94);  
box-shadow:4px 4px 4px 4px rgb(199, 130,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5562, 28.9155, 14.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 130, 94) }
```

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

```
.background{ background-color: rgb(199,  
130, 94) }
```

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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