

Converting Colors

XYZ(33.4159, 27.5128, 13.9052)

Have a look what the booklet for
XYZ(33.4159, 27.5128, 13.9052)
contains.

XYZ(33.4159, 27.5128, 13.9052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.4159, 27.5128,
13.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7B5D
RGB	202, 123, 93
RGB Percent	79%, 48%, 36%
CMY	0.2078, 0.5176, 0.6353
CMYK	0.00, 0.39, 0.54, 0.21
HSL	17°, 51%, 58%
HSV	17°, 54%, 79%
XYZ	33.4159, 27.5128, 13.9052
YIQ	143.2010, 56.7140, 7.4180

Conversions

Conversions Part 2

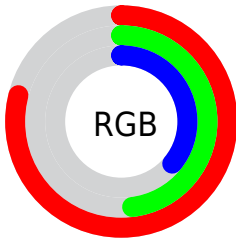
Format	Color
R_{YB}	202, 134, 93
Decimal	13269853
CIE _{Lab}	59.45, 27.69, 29.36
CIE _{LCh}	59, 40.362, 46.675
Yxy	27.5128, 0.4465, 0.3677
Android (android.graphics.Color)	4291459933 (0xFFCA7B5D)
YUV	143.2010, -24.7491, 51.5667
Hunter-Lab	52.4526, 21.9245, 20.9991

Details

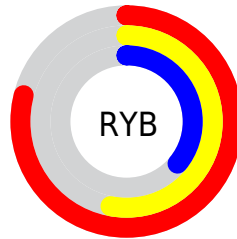
The XYZ color **33.4159, 27.5128, 13.9052** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **29.9266, 36.0947, 61.2667**, and the grayscale version is **26.2694, 27.6374, 30.0971**.

A 20% lighter version of the original color is **61.7994, 54.3243, 33.6140**, and **14.3773, 10.8916, 3.9293** is the 20% darker color. If you saturate the color by 10%, you get **30.9544, 23.8375, 9.2384**, and if you desaturate by 10%, it is **36.3867, 31.8286, 19.9080**.

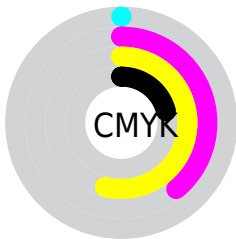
Distribution



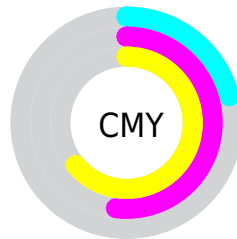
- Red (79%)
- Green (48%)
- Blue (36%)



- Red (79%)
- Yellow (53%)
- Blue (36%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (21%)





- Cyan (21%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4159, 27.5128, 13.9052 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 33.4159, 27.5128, 13.9052 by changing the saturation by 10% instead.


 33.4159, 27.5128,
13.9052


 33.4159, 27.5128,
13.9052


309.1516,
290.1315, 228.0482


 22.6060, 17.9587,
7.9168


 64.3747, 55.7057,
33.6354

 14.4219, 10.9204,
3.9547


 85.2542, 75.1132,
48.2143

 8.4984, 6.0133,
1.6005


 110.2210, 98.5741,
66.4937

 4.4699, 2.8532,
0.2912

 139.6405,
126.4726, 88.8923

 1.9713, 1.0556,
0.0000

173.8779,
159.1932, 115.8284

 0.6178, 0.0000,
0.0000


213.2987,


 0.0000, 0.0000,


197.1203, 147.7208


0.0000


258.2681,
240.6383, 184.9878


 33.4159, 27.5128,
13.9052


 33.4159, 27.5128,
13.9052


 30.9544, 23.8375,
9.2384


 36.3867, 31.8286,
19.9080


 28.9690, 20.7668,
5.8018


 39.8930, 36.8101,
27.3383


 27.4256, 18.2676,
3.4758

 43.9614, 42.4860,
36.2815

 26.2834, 16.3011,
2.1154

 48.6163, 48.8821,
46.8156

 25.7522, 15.3468,
1.6049

 53.8805, 56.0231,
59.0133

■ 59.7755, 63.9321,
72.9426

■ 66.3217, 72.6314,
88.6680

■ 73.5387, 82.1424,
106.2505

■ 78.0908, 91.1439,
108.0845

Harmonies

Analogous

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



36.6304, 27.5128, 22.6463



33.4159, 27.5128, 13.9052



28.4589, 27.5128, 10.1902

Triad

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



33.4159, 27.5128, 13.9052



17.7736, 27.5128, 23.9787



29.0448, 27.5128, 65.3964

Complementary

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



33.4159, 27.5128, 13.9052



29.9266, 36.0947, 61.2667

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.



23.9696, 27.5128, 66.1092



33.4159, 27.5128, 13.9052



17.8878, 27.5128, 38.6921

Square

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



33.4159, 27.5128, 13.9052



19.6871, 27.5128, 14.6080



20.0221, 27.5128, 55.1666



33.8922, 27.5128, 53.4523

Rectangle

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



33.4159, 27.5128, 13.9052



25.0345, 27.5128, 9.9190



20.0221, 27.5128, 55.1666



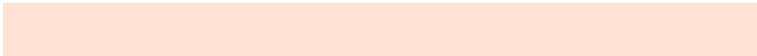
27.2984, 27.5128, 67.0657

Sweetspot

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



33.4166, 27.5142, 13.9057



80.4451, 80.2091, 74.9943



35.8079, 23.4000, 42.1308



16.8589, 16.6750, 15.2345



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.



33.4166, 27.5142, 13.9057



51.7005, 39.2791, 14.3630



41.9696, 44.6203, 16.7567



11.4595, 11.7079, 11.7353



16.6360, 10.0050, 1.0543



0.9229, 0.6455, 0.0760

Inverse Universe

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



29.9266, 36.0947, 61.2667



45.0860, 55.1405, 102.8746



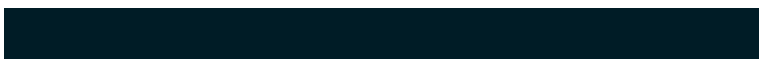
21.7046, 19.6508, 58.5260



11.2720, 12.1845, 14.3281



13.5913, 16.2066, 38.3681



0.7626, 0.9589, 1.9998

Previews

White Background



This preview shows how the XYZ color 33.4159, 27.5128, 13.9052 looks on a white background.

Color Contrast Check

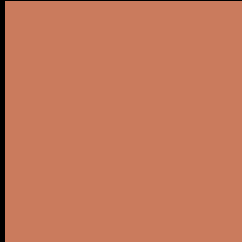
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4159, 27.5128, 13.9052 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 33.4159, 27.5128, 13.9052

Background



This preview shows how black text looks on a background with the XYZ color 33.4159, 27.5128, 13.9052.



This preview shows how white text looks on a background with the XYZ color 33.4159, 27.5128,

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

33.4159, 27.5128, 13.9052

Protanopia

25.6890, 27.5531, 16.2762

Deuteranopia

28.0247, 27.5137, 13.5065



Tritanopia

35.4860, 27.4683, 23.5103

Trichromacy



Original Color

33.4159, 27.5128, 13.9052

Protanomaly

28.0220, 27.2608, 15.3402

Deuteranomaly

29.9068, 27.4482, 13.6193

Tritanomaly

34.7128, 27.5081, 19.6997

Monochromacy



Original Color

33.4159, 27.5128, 13.9052

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.8157, 26.9815, 23.1439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4159, 27.5128, 13.9052 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(202, 123, 93)` looks like.

```
.text, #text, p{  
    color:rgb(202, 123, 93)  
}
```

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(202, 123, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 123, 93) }
```

Border

The CSS property to change the border of an element to XYZ 33.4159, 27.5128, 13.9052 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(202, 123, 93) }
```


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

```
.border{ border-color:rgb(202, 123, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 123, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 123, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 123, 93);  
box-shadow:4px 4px 4px 4px rgb(202, 123,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4159, 27.5128, 13.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 123, 93) }
```

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

```
.background{ background-color: rgb(202,  
123, 93) }
```

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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