

Converting Colors

XYZ(32.4900, 30.7946, 8.2670)

Have a look what the booklet for
XYZ(32.4900, 30.7946, 8.2670)
contains.

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Color

**XYZ(32.5367, 30.8246,
8.2379)**

Conversions

Conversions Part 1

Format	Color
Hex	C28D3A
RGB	194, 141, 58
RGB Percent	76%, 55%, 23%
CMY	0.2392, 0.4470, 0.7725
CMYK	0.00, 0.27, 0.70, 0.24
HSL	37°, 54%, 49%
HSV	37°, 70%, 76%
XYZ	32.5367, 30.8246, 8.2379
YIQ	147.3850, 58.2310, -14.5770

Conversions

Conversions Part 2

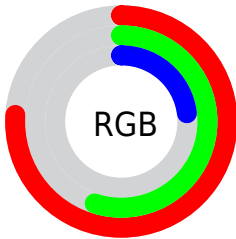
Format	Color
RYB	145, 194, 58
Decimal	12750138
CIELab	62.36, 12.01, 50.51
CIELCh	62, 51.922, 76.622
Yxy	30.8246, 0.4544, 0.4305
Android (android.graphics.Color)	4290940218 (0xFFC28D3A)
YUV	147.3850, -44.0668, 40.8814
Hunter-Lab	55.5199, 7.4477, 30.0666

Details

The XYZ color **32.5367, 30.8246, 8.2379** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **17.1666, 16.1627, 53.2534**, and the grayscale version is **28.0535, 29.5145, 32.1413**.

A 20% lighter version of the original color is **62.9252, 60.7585, 22.8791**, and **13.8944, 12.7164, 1.7222** is the 20% darker color. If you saturate the color by 10%, you get **31.0563, 28.5105, 5.7514**, and if you desaturate by 10%, it is **34.2805, 33.3683, 11.7299**.

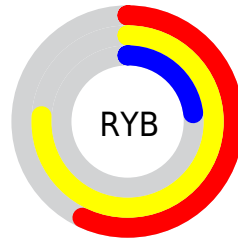
Distribution



Red (76%)

Green (55%)

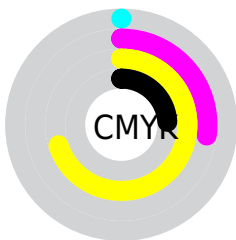
Blue (23%)



Red (57%)

Yellow (76%)

Blue (23%)

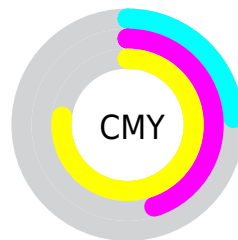


Cyan (0%)

Magenta (27%)

Yellow (70%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5367, 30.8246, 8.2379 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 32.5367, 30.8246, 8.2379 by changing the saturation by 10% instead.


 32.5367, 30.8246,
8.2379


 32.5367, 30.8246,
8.2379


305.2589,
305.7294, 187.5900

 21.9293, 20.4653,
4.1576


 63.0111, 60.9638,
22.9773


 13.9213, 12.7337,
1.7122


 83.6087, 81.5125,
34.4736


 8.1473, 7.2455,
0.3691


 108.2672,
106.2265, 49.2788

 4.2419, 3.6161,
0.0000

 137.3518,
135.4902, 67.8117

 1.8399, 1.4612,
0.0000

 171.2279,
169.6879, 90.4907

 0.5415, 0.2612,
0.0000

 210.2609,

 0.0000, 0.0000,

209.2041, 117.7344

0.0000

254.8161,
254.4232, 149.9613

■ 32.5367, 30.8246,
8.2379

■ 32.5367, 30.8246,
8.2379

■ 31.0563, 28.5105,
5.7514

■ 34.2805, 33.3683,
11.7299

■ 29.8135, 26.4096,
4.1514

■ 36.3058, 36.1474,
16.3247

■ 28.7740, 24.5214,
3.2165

■ 38.6311, 39.1729,
22.1099

■ 41.2726, 42.4535,
29.1637

■ 44.2452, 45.9973,
37.5578

■ 47.5627, 49.8118,
47.3582

■ 51.2379, 53.9044,
58.6266

■ 55.2830, 58.2820,
71.4212

■ 59.7098, 62.9510,
85.7968

Harmonies

Analogous

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



39.5920, 30.8246, 12.5620



32.5367, 30.8246, 8.2379



25.6004, 30.8246, 8.4621

Triad

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



32.5367, 30.8246, 8.2379



18.1644, 30.8246, 45.8932



40.2567, 30.8246, 67.7721

Complementary

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



32.5367, 30.8246, 8.2379



17.1666, 16.1627, 53.2534

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.



33.3353, 30.8246, 85.9727



32.5367, 30.8246, 8.2379



20.9632, 30.8246, 70.2763

Square

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



32.5367, 30.8246, 8.2379



18.0208, 30.8246, 25.3818



26.2814, 30.8246, 87.0383



44.5066, 30.8246, 43.3361

Rectangle

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



32.5367, 30.8246, 8.2379



21.9544, 30.8246, 11.1002



26.2814, 30.8246, 87.0383



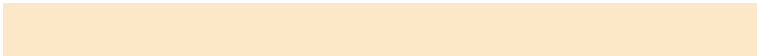
38.1196, 30.8246, 75.1844

Sweetspot

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



32.5374, 30.8261, 8.2385



79.4656, 82.5195, 66.0379



26.7082, 15.6744, 17.0645



17.0609, 17.6677, 13.4870



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.



32.5374, 30.8261, 8.2385



55.0383, 49.6165, 8.7187



38.9709, 48.6400, 11.3378



10.5733, 11.0780, 10.6429



18.9998, 16.2854, 2.1420



0.8863, 0.8344, 0.1143

Inverse Universe

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



17.1666, 16.1627, 53.2534



25.6185, 21.6879, 95.3057



13.8937, 8.2839, 51.9051



9.8430, 10.3773, 12.7691



8.1576, 6.0718, 34.2986



0.4195, 0.3964, 1.5043

Previews

White Background



This preview shows how the XYZ color 32.5367, 30.8246, 8.2379 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 32.5367, 30.8246, 8.2379 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 32.5367, 30.8246, 8.2379

Background



This preview shows how black text looks on a background with the XYZ color 32.5367, 30.8246, 8.2379.



This preview shows how white text looks on a background with the XYZ color 32.5367, 30.8246,

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

32.5367, 30.8246, 8.2379

Protanopia

28.0574, 30.7950, 8.8801

Deuteranopia

31.4508, 30.9333, 8.1840



Tritanopia

36.9532, 30.7349, 29.5760

Trichromacy



Original Color

32.5367, 30.8246, 8.2379

Protanomaly

29.3808, 30.5408, 8.6214

Deuteranomaly

31.7962, 30.8875, 8.1569

Tritanomaly

34.8219, 30.4814, 19.0871

Monochromacy



Original Color

32.5367, 30.8246, 8.2379

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5298, 29.3811, 20.3871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5367, 30.8246, 8.2379 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(194, 141, 58)` looks like.

```
.text, #text, p{  
    color:rgb(194, 141, 58)  
}
```

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(194, 141, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 141, 58) }
```

Border

The CSS property to change the border of an element to XYZ 32.5367, 30.8246, 8.2379 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(194, 141, 58) }
```


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

```
.border{ border-color:rgb(194, 141, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 141, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 141, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 141, 58);  
box-shadow:4px 4px 4px 4px rgb(194, 141,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5367, 30.8246, 8.2379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 141, 58) }
```

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

```
.background{ background-color: rgb(194,  
141, 58) }
```

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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