

Converting Colors

XYZ(33.0814, 32.2489, 7.3868)

Have a look what the booklet for
XYZ(33.0814, 32.2489, 7.3868)
contains.

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Color

**XYZ(33.0814, 32.2489,
7.3868)**

Conversions

Conversions Part 1

Format	Color
Hex	C29231
RGB	194, 146, 49
RGB Percent	76%, 57%, 19%
CMY	0.2392, 0.4274, 0.8078
CMYK	0.00, 0.25, 0.75, 0.24
HSL	40°, 60%, 48%
HSV	40°, 75%, 76%
XYZ	33.0814, 32.2489, 7.3868
YIQ	149.2940, 59.7450, -19.9910

Conversions

Conversions Part 2

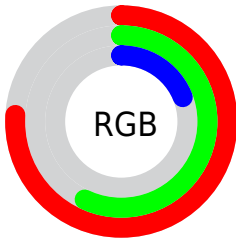
Format	Color
R_{YB}	121, 194, 49
Decimal	12751409
CIE _{Lab}	63.55, 8.83, 55.58
CIE _{LCh}	64, 56.279, 80.972
Yxy	32.2489, 0.4549, 0.4435
Android (android.graphics.Color)	4290941489 (0xFFC29231)
YUV	149.2940, -49.4449, 39.2072
Hunter-Lab	56.7881, 4.6044, 32.0394

Details

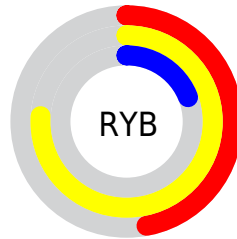
The XYZ color **33.0814, 32.2489, 7.3868** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **15.2787, 13.0969, 52.7612**, and the grayscale version is **28.8761, 30.3799, 33.0837**.

A 20% lighter version of the original color is **63.8763, 63.3190, 21.1671**, and **14.3362, 13.6000, 1.8695** is the 20% darker color. If you saturate the color by 10%, you get **31.7947, 30.1958, 5.3545**, and if you desaturate by 10%, it is **34.6013, 34.4868, 10.3665**.

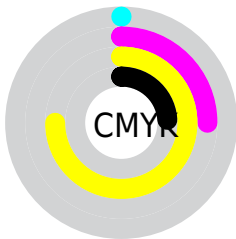
Distribution



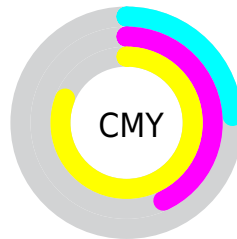
- Red (76%)
- Green (57%)
- Blue (19%)



- Red (47%)
- Yellow (76%)
- Blue (19%)



- Cyan (0%)
- Magenta (25%)
- Yellow (75%)
- Black (24%)





- Cyan (24%)
- Magenta (43%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0814, 32.2489, 7.3868 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 33.0814, 32.2489, 7.3868 by changing the saturation by 10% instead.


 33.0814, 32.2489,
7.3868


 33.0814, 32.2489,
7.3868


307.6749,
312.2515, 180.5912


 22.3483, 21.5517,
3.6231


 63.8564, 63.2011,
21.2732


 14.2311, 13.5279,
1.4209


 84.6291, 84.2248,
32.2330

 8.3644, 7.7930,
0.1580

 109.4790,
109.4596, 46.4285

 4.3827, 3.9628,
0.0000

 138.7716,
139.2896, 64.2783

 1.9209, 1.6528,
0.0000

 172.8721,
174.0995, 86.2009

 0.5889, 0.3928,
0.0000

 212.1459,

 0.0000, 0.0000,

214.2735, 112.6149

0.0000

256.9584,
260.1960, 143.9388

■ 33.0814, 32.2489,
7.3868

■ 33.0814, 32.2489,
7.3868

■ 31.7947, 30.1958,
5.3545

■ 34.6013, 34.4868,
10.3665

■ 30.7137, 28.3113,
4.1388

■ 36.3733, 36.9147,
14.3979

■ 30.2021, 27.3775,
3.6926

■ 38.4163, 39.5427,
19.5737

■ 40.7467, 42.3788,
25.9756

■ 43.3793, 45.4302,
33.6778

■ 46.3278, 48.7037,
42.7488

■ 49.6051, 52.2058,
53.2520

■ 53.2232, 55.9423,
65.2470

■ 57.1935, 59.9193,
78.7898

Harmonies

Analogous

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



41.1719, 32.2489, 11.1007



33.0814, 32.2489, 7.3868



25.5606, 32.2489, 8.2413

Triad

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



33.0814, 32.2489, 7.3868



18.6079, 32.2489, 52.9684



43.9353, 32.2489, 69.9715

Complementary

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



33.0814, 32.2489, 7.3868



15.2787, 13.0969, 52.7612

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.



36.3773, 32.2489, 92.9161



33.0814, 32.2489, 7.3868



22.0960, 32.2489, 80.5349

Square

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



33.0814, 32.2489, 7.3868



18.0312, 32.2489, 28.7584



28.3438, 32.2489, 97.4417



48.1048, 32.2489, 42.3422

Rectangle

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



33.0814, 32.2489, 7.3868



21.7820, 32.2489, 11.5442



28.3438, 32.2489, 97.4417



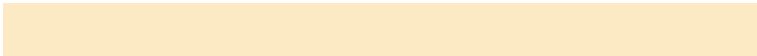
41.6515, 32.2489, 78.9058

Sweetspot

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



33.0821, 32.2505, 7.3874



79.8177, 83.6903, 64.7169



25.5197, 14.5355, 12.8520



17.1695, 17.9777, 13.2373



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.



33.0821, 32.2505, 7.3874



56.2568, 52.3920, 8.0812



36.3876, 47.3325, 10.1243



10.6234, 11.1783, 10.6596



19.9348, 18.1554, 2.4537



0.9223, 0.9064, 0.1263

Inverse Universe

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



15.2787, 13.0969, 52.7612



22.6495, 16.4675, 94.4546



13.5965, 7.5150, 51.7725



9.7946, 10.2805, 12.7529



7.6833, 5.1231, 34.1405



0.3960, 0.3494, 1.4964

Previews

White Background



This preview shows how the XYZ color 33.0814, 32.2489, 7.3868 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 33.0814, 32.2489, 7.3868 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 33.0814, 32.2489, 7.3868

Background



This preview shows how black text looks on a background with the XYZ color 33.0814, 32.2489, 7.3868.



This preview shows how white text looks on a background with the XYZ color 33.0814, 32.2489,

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

33.0814, 32.2489, 7.3868

Protanopia

29.3867, 32.2345, 7.8050

Deuteranopia

32.8256, 32.1170, 7.3748



Tritanopia

38.0315, 32.2773, 31.8294

Trichromacy



Original Color

33.0814, 32.2489, 7.3868

Protanomaly

30.6984, 32.1873, 7.6124

Deuteranomaly

32.8256, 32.1170, 7.3748

Tritanomaly

35.5360, 31.9096, 19.3251

Monochromacy



Original Color

33.0814, 32.2489, 7.3868

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0876, 30.3714, 19.9520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0814, 32.2489, 7.3868 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, 146, 49)` looks like.

```
.text, #text, p{  
    color:rgb(194, 146, 49)  
}
```

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, 146, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 146, 49) }
```

Border

The CSS property to change the border of an element to XYZ 33.0814, 32.2489, 7.3868 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, 146, 49) }
```


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

```
.border{ border-color:rgb(194, 146, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 146, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 146, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 146, 49);  
box-shadow:4px 4px 4px 4px rgb(194, 146,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0814, 32.2489, 7.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 146, 49) }
```

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

```
.background{ background-color: rgb(194,  
146, 49) }
```

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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