

Converting Colors

XYZ(34.0881, 33.4609, 7.6796)

Have a look what the booklet for
XYZ(34.0881, 33.4609, 7.6796)
contains.

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Color

**XYZ(34.0881, 33.4609,
7.6796)**

Conversions

Conversions Part 1

Format	Color
Hex	C49532
RGB	196, 149, 50
RGB Percent	77%, 58%, 20%
CMY	0.2314, 0.4157, 0.8039
CMYK	0.00, 0.24, 0.74, 0.23
HSL	41°, 59%, 48%
HSV	41°, 74%, 77%
XYZ	34.0881, 33.4609, 7.6796
YIQ	151.7670, 59.7910, -20.8250

Conversions

Conversions Part 2

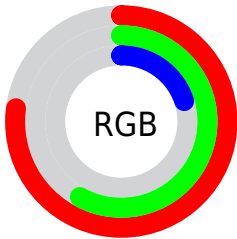
Format	Color
RYB	119, 196, 50
Decimal	12883250
CIELab	64.53, 8.12, 56.22
CIElCh	65, 56.799, 81.781
Yxy	33.4609, 0.4531, 0.4448
Android (android.graphics.Color)	4291073330 (0xFFC49532)
YUV	151.7670, -50.1711, 38.7923
Hunter-Lab	57.8454, 3.9600, 32.6204

Details

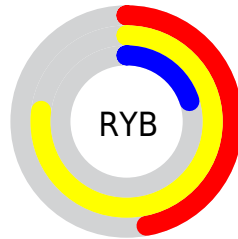
The XYZ color **34.0881, 33.4609, 7.6796** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **15.5538, 13.2126, 53.9547**, and the grayscale version is **29.9367, 31.4958, 34.2989**.

A 20% lighter version of the original color is **65.0441, 64.9511, 21.9406**, and **14.9431, 14.3270, 1.9778** is the 20% darker color. If you saturate the color by 10%, you get **32.7812, 31.3853, 5.5857**, and if you desaturate by 10%, it is **35.6315, 35.7203, 10.7457**.

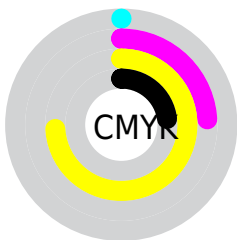
Distribution



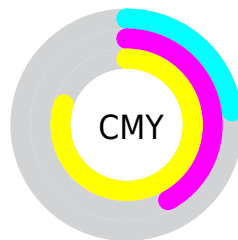
- Red (77%)
- Green (58%)
- Blue (20%)



- Red (47%)
- Yellow (77%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0881, 33.4609, 7.6796 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 34.0881, 33.4609, 7.6796 by changing the saturation by 10% instead.


 34.0881, 33.4609,
7.6796

 34.0881, 33.4609,
7.6796


312.1037,
317.7215, 183.0367


 23.1245, 22.4798,
3.8058


 65.4140, 65.0944,
21.8636


 14.8067, 14.2098,
1.5194


 86.5071, 86.5156,
33.0109

 8.7692, 8.2668,
0.2323


 111.7073,
112.1856, 47.4198

 4.6469, 4.2661,
0.0000

 141.3801,
142.4888, 65.5087

 2.0742, 1.8235,
0.0000

 175.8907,
177.8096, 87.6964

 0.6751, 0.5018,
0.0000

 215.6047,

 0.0000, 0.0000,

218.5324, 114.4012

0.0000

260.8872,
265.0415, 146.0418

■ 34.0881, 33.4609,
7.6796

■ 34.0881, 33.4609,
7.6796

■ 32.7812, 31.3853,
5.5857

■ 35.6315, 35.7203,
10.7457

■ 31.6829, 29.4770,
4.3304

■ 37.4306, 38.1685,
14.8905

■ 31.1400, 28.4860,
3.8571

■ 39.5046, 40.8158,
20.2087

■ 41.8703, 43.6702,
26.7839

■ 44.5429, 46.7389,
34.6922

■ 47.5362, 50.0289,
44.0034

■ 50.8633, 53.5465,
54.7825

■ 54.5365, 57.2977,
67.0905

■ 58.5674, 61.2884,
80.9847

Harmonies

Analogous

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



42.4730, 33.4609, 11.3859



34.0881, 33.4609, 7.6796



26.3553, 33.4609, 8.6887

Triad

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



34.0881, 33.4609, 7.6796



19.3975, 33.4609, 55.6692



45.7133, 33.4609, 71.6860

Complementary

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



34.0881, 33.4609, 7.6796



15.5538, 13.2126, 53.9547

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.



37.9553, 33.4609, 95.7213



34.0881, 33.4609, 7.6796



23.0897, 33.4609, 84.0593

Square

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



34.0881, 33.4609, 7.6796



18.7193, 33.4609, 30.4078



29.6235, 33.4609, 101.0192



49.8925, 33.4609, 43.2063

Rectangle

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



34.0881, 33.4609, 7.6796



22.4945, 33.4609, 12.2284



29.6235, 33.4609, 101.0192



43.3807, 33.4609, 80.9790

Sweetspot

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



34.0889, 33.4626, 7.6802



81.8046, 85.9138, 66.2434



26.1419, 14.9117, 13.2219



17.2046, 18.0478, 13.2490



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.



34.0889, 33.4626, 7.6802



58.1675, 54.7786, 8.6093



37.2558, 48.4429, 10.4048



10.6313, 11.1940, 10.6622



20.0896, 18.4650, 2.5053



0.9282, 0.9181, 0.1283

Inverse Universe

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



15.5538, 13.2126, 53.9547



23.1939, 16.7948, 96.6270



13.9545, 7.7362, 52.9819



9.7871, 10.2655, 12.7504



7.6173, 4.9911, 34.1185



0.3925, 0.3425, 1.4953

Previews

White Background



This preview shows how the XYZ color 34.0881, 33.4609, 7.6796 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 34.0881, 33.4609, 7.6796 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 34.0881, 33.4609, 7.6796

Background



This preview shows how black text looks on a background with the XYZ color 34.0881, 33.4609, 7.6796.



This preview shows how white text looks on a background with the XYZ color 34.0881, 33.4609,

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

34.0881, 33.4609, 7.6796

Protanopia

30.3560, 33.4758, 8.1104

Deuteranopia

34.0881, 33.4609, 7.6796



Tritanopia

39.3662, 33.3638, 33.2192

Trichromacy



Original Color

34.0881, 33.4609, 7.6796

Protanomaly

31.6816, 33.4175, 7.9124

Deuteranomaly

34.0881, 33.4609, 7.6796

Tritanomaly

36.6791, 33.1392, 20.3829

Monochromacy



Original Color

34.0881, 33.4609, 7.6796

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.3096, 31.6959, 20.7401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0881, 33.4609, 7.6796 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(196, 149, 50)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 50)  
}
```

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(196, 149, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 50) }
```

Border

The CSS property to change the border of an element to XYZ 34.0881, 33.4609, 7.6796 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(196, 149, 50) }
```


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

```
.border{ border-color:rgb(196, 149, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 50);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0881, 33.4609, 7.6796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 50) }
```

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

```
.background{ background-color: rgb(196,  
149, 50) }
```

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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