

Converting Colors

XYZ(36.2556, 32.9647, 8.8671)

Have a look what the booklet for
XYZ(36.2556, 32.9647, 8.8671)
contains.

XYZ(36.2474, 32.9483, 8.8641)	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(36.2474, 32.9483,
8.8641)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8E3D
RGB	207, 142, 61
RGB Percent	81%, 56%, 24%
CMY	0.1882, 0.4431, 0.7608
CMYK	0.00, 0.31, 0.71, 0.19
HSL	33°, 60%, 53%
HSV	33°, 71%, 81%
XYZ	36.2474, 32.9483, 8.8641
YIQ	152.2010, 64.7410, -11.4110

Conversions

Conversions Part 2

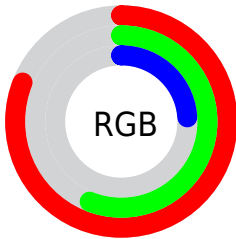
Format	Color
RYB	178, 207, 61
Decimal	13602365
CIELab	64.12, 17.25, 51.46
CIElCh	64, 54.270, 71.467
Yxy	32.9483, 0.4644, 0.4221
Android (android.graphics.Color)	4291792445 (0xFFCF8E3D)
YUV	152.2010, -44.9621, 48.0587
Hunter-Lab	57.4006, 12.2683, 31.0246

Details

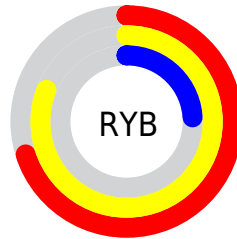
The XYZ color **36.2474, 32.9483, 8.8641** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **20.6474, 20.4178, 61.8838**, and the grayscale version is **30.1013, 31.6689, 34.4874**.

A 20% lighter version of the original color is **63.9046, 61.9097, 23.9109**, and **16.0563, 13.9568, 1.9338** is the 20% darker color. If you saturate the color by 10%, you get **34.4790, 30.1384, 6.0346**, and if you desaturate by 10%, it is **38.3458, 36.0743, 12.8654**.

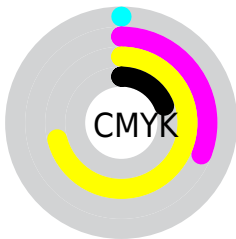
Distribution



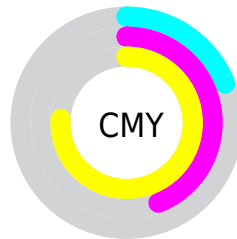
- Red (81%)
- Green (56%)
- Blue (24%)



- Red (70%)
- Yellow (81%)
- Blue (24%)



- Cyan (0%)
- Magenta (31%)
- Yellow (71%)
- Black (19%)





- Cyan (19%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2474, 32.9483, 8.8641 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 36.2474, 32.9483, 8.8641 by changing the saturation by 10% instead.


 36.2474, 32.9483,
8.8641


 36.2474, 32.9483,
8.8641


321.4530,
315.4167, 192.5414

 24.7963, 22.0868,
4.5570


 68.7351, 64.2948,
24.2094


 16.0533, 13.9207,
1.9356


 90.5025, 85.5486,
36.0846


 9.6530, 8.0655,
0.5153


 116.4393,
111.0354, 51.3197

 5.2300, 4.1369,
0.0000

 146.9110,
141.1395, 70.3332

 2.4190, 1.7504,
0.0000

 182.2828,
176.2452, 93.5435

 0.8546, 0.4560,
0.0000

 222.9202,

 0.0000, 0.0000,

216.7371, 121.3693

0.0000

269.1885,
262.9995, 154.2291

■ 36.2474, 32.9483,
8.8641

■ 36.2474, 32.9483,
8.8641

■ 34.4790, 30.1384,
6.0346

■ 38.3458, 36.0743,
12.8654

■ 33.0093, 27.6236,
4.2355

■ 40.7967, 39.5256,
18.1542

■ 31.8455, 25.4924,
3.2421

■ 43.6228, 43.3166,
24.8342

■ 46.8441, 47.4593,
32.9980

■ 50.4787, 51.9648,
42.7299

■ 54.5437, 56.8436,
54.1080

■ 59.0551, 62.1057,
67.2052

■ 64.0278, 67.7607,
82.0898

■ 69.4763, 73.8178,
98.8266

Harmonies

Analogous

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



43.7335, 32.9483, 14.5282



36.2474, 32.9483, 8.8641



28.4719, 32.9483, 8.3436

Triad

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



36.2474, 32.9483, 8.8641



18.9611, 32.9483, 44.9549



42.1457, 32.9483, 77.8023

Complementary

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



36.2474, 32.9483, 8.8641



20.6474, 20.4178, 61.8838

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.



34.3442, 32.9483, 95.3173



36.2474, 32.9483, 8.8641



21.5048, 32.9483, 71.7906

Square

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



36.2474, 32.9483, 8.8641



19.3001, 32.9483, 24.0439



26.8541, 32.9483, 92.7534



47.5041, 32.9483, 51.0628

Rectangle

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



36.2474, 32.9483, 8.8641



24.2243, 32.9483, 10.5455



26.8541, 32.9483, 92.7534



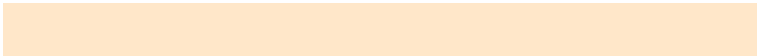
39.6729, 32.9483, 85.3752

Sweetspot

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



36.2482, 32.9500, 8.8647



80.4567, 82.7403, 67.2662



31.2121, 18.1276, 21.8306



16.8609, 17.2677, 13.4204



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.



36.2482, 32.9500, 8.8647



53.9078, 46.0294, 7.8982



46.8942, 57.2003, 12.9844



12.3448, 12.8803, 12.4475



20.1600, 16.2530, 2.0746



1.2057, 1.0658, 0.1422

Inverse Universe

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



20.6474, 20.4178, 61.8838



27.4864, 24.8925, 97.9638



15.3363, 9.0826, 59.9758



11.5907, 12.2716, 15.0014



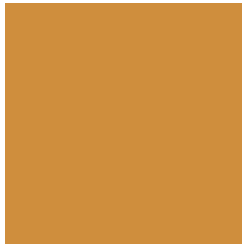
9.6067, 7.8600, 38.2033



0.6157, 0.5966, 2.1623

Previews

White Background



This preview shows how the XYZ color 36.2474, 32.9483, 8.8641 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 36.2474, 32.9483, 8.8641 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 36.2474, 32.9483, 8.8641

Background



This preview shows how black text looks on a background with the XYZ color 36.2474, 32.9483, 8.8641.



This preview shows how white text looks on a background with the XYZ color 36.2474, 32.9483,

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

36.2474, 32.9483, 8.8641

Protanopia

30.0762, 33.0428, 9.7937

Deuteranopia

33.6275, 32.9649, 8.7282



Tritanopia

40.4968, 32.7553, 30.1746

Trichromacy



Original Color

36.2474, 32.9483, 8.8641

Protanomaly

31.9996, 32.8177, 9.4984

Deuteranomaly

34.6477, 33.0261, 8.8235

Tritanomaly

38.3631, 32.5022, 19.8744

Monochromacy



Original Color

36.2474, 32.9483, 8.8641

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.9329, 31.2824, 21.8605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2474, 32.9483, 8.8641 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(207, 142, 61)` looks like.

```
.text, #text, p{  
    color:rgb(207, 142, 61)  
}
```

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(207, 142, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 142, 61) }
```

Border

The CSS property to change the border of an element to XYZ 36.2474, 32.9483, 8.8641 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(207, 142, 61) }
```


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

```
.border{ border-color:rgb(207, 142, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 142, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 142, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 142, 61);  
box-shadow:4px 4px 4px 4px rgb(207, 142,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2474, 32.9483, 8.8641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 142, 61) }
```

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

```
.background{ background-color: rgb(207,  
142, 61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor