

Converting Colors

XYZ(30.6946, 27.8690, 7.4185)

Have a look what the booklet for
XYZ(30.6946, 27.8690, 7.4185)
contains.

XYZ(30.5441, 27.7149, 7.3541)	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(30.5441, 27.7149,
7.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	C08337
RGB	192, 131, 55
RGB Percent	75%, 51%, 22%
CMY	0.2471, 0.4863, 0.7843
CMYK	0.00, 0.32, 0.71, 0.25
HSL	33°, 55%, 48%
HSV	33°, 71%, 75%
XYZ	30.5441, 27.7149, 7.3541
YIQ	140.5750, 60.7520, -10.7040

Conversions

Conversions Part 2

Format	Color
RYB	165, 192, 55
Decimal	12616503
CIELab	59.63, 16.49, 48.95
CIElCh	60, 51.650, 71.387
Yxy	27.7149, 0.4655, 0.4224
Android (android.graphics.Color)	4290806583 (0xFFC08337)
YUV	140.5750, -42.1885, 45.0997
Hunter-Lab	52.6449, 11.4354, 28.5691

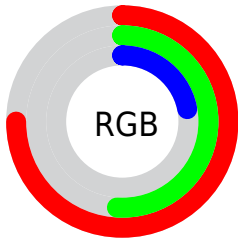
Details

The XYZ color **30.5441, 27.7149, 7.3541** 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 **17.3350, 17.1080, 52.2573**, and the grayscale version is **25.2949, 26.6122, 28.9807**.

A 20% lighter version of the original color is **59.8869, 56.0170, 21.2917**, and **12.8488, 11.1029, 1.4659** is the 20% darker color. If you saturate the color by 10%, you get **29.0693, 25.3642, 5.0169**, and if you desaturate by 10%, it is **32.2939, 30.3295, 10.6665**.

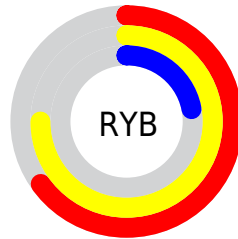
Distribution



Red (75%)

Green (51%)

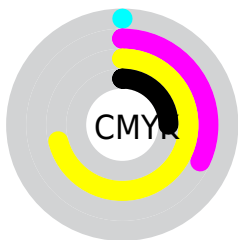
Blue (22%)



Red (65%)

Yellow (75%)

Blue (22%)

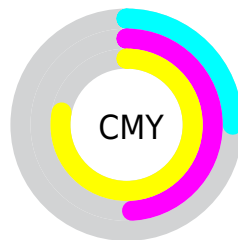


Cyan (0%)

Magenta (32%)

Yellow (71%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5441, 27.7149, 7.3541 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 30.5441, 27.7149, 7.3541 by changing the saturation by 10% instead.


 30.5441, 27.7149,
7.3541


 30.5441, 27.7149,
7.3541


296.2970,
291.1021, 180.3155


 20.4021, 18.1109,
3.6027


 59.9023, 56.0289,
21.2070


 12.7976, 11.0296,
1.4100


 79.8492, 75.5077,
32.1456

 7.3654, 6.0868,
0.1495


 103.7951, 99.0469,
46.3170

 3.7400, 2.8979,
0.0000

 132.1054,
127.0308, 64.1398

 1.5561, 1.0787,
0.0000

 165.1453,
159.8439, 86.0325

 0.3635, 0.0000,
0.0000

 203.2803,

 0.0000, 0.0000,

197.8706, 112.4137

0.0000

246.8758,
241.4951, 143.7018

■ 30.5441, 27.7149,
7.3541

■ 30.5441, 27.7149,
7.3541

■ 29.0693, 25.3642,
5.0169

■ 32.2939, 30.3295,
10.6665

■ 27.8432, 23.2597,
3.5362

■ 34.3376, 33.2156,
15.0510

■ 26.9456, 21.6214,
2.7532

■ 36.6942, 36.3854,
20.5947

■ 39.3803, 39.8488,
27.3749

■ 42.4113, 43.6151,
35.4623

■ 45.8013, 47.6930,
44.9222

■ 49.5636, 52.0911,
55.8155

■ 53.7110, 56.8172,
68.1994

■ 58.2552, 61.8790,
82.1281

Harmonies

Analogous

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



36.8970, 27.7149, 12.1358



30.5441, 27.7149, 7.3541



23.9468, 27.7149, 6.9071

Triad

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



30.5441, 27.7149, 7.3541



15.8756, 27.7149, 37.8243



35.5175, 27.7149, 65.8674

Complementary

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



30.5441, 27.7149, 7.3541



17.3350, 17.1080, 52.2573

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.



28.8922, 27.7149, 80.7461



30.5441, 27.7149, 7.3541



18.0207, 27.7149, 60.6344

Square

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



30.5441, 27.7149, 7.3541



16.1688, 27.7149, 20.1174



22.5445, 27.7149, 78.5123



40.0789, 27.7149, 43.1302

Rectangle

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



30.5441, 27.7149, 7.3541



20.3445, 27.7149, 8.7495



22.5445, 27.7149, 78.5123



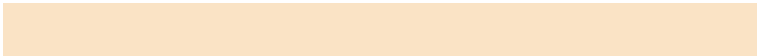
33.4160, 27.7149, 72.3058

Sweetspot

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



30.5447, 27.7163, 7.3546



76.8570, 79.0403, 64.2821



26.2948, 15.2151, 18.2732



16.1467, 16.5373, 12.8632



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.5447, 27.7163, 7.3546



51.2829, 43.6093, 7.3035



39.5828, 48.3077, 10.8528



10.5261, 10.9836, 10.6271



18.2103, 14.7064, 1.8788



0.8547, 0.7712, 0.1038

Inverse Universe

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



17.3350, 17.1080, 52.2573



26.0044, 23.3971, 93.5058



12.8580, 7.5577, 50.6499



9.8892, 10.4697, 12.7845



8.6889, 7.1344, 34.4757



0.4441, 0.4455, 1.5125

Previews

White Background



This preview shows how the XYZ color 30.5441, 27.7149, 7.3541 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 30.5441, 27.7149, 7.3541 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 30.5441, 27.7149, 7.3541

Background



This preview shows how black text looks on a background with the XYZ color 30.5441, 27.7149, 7.3541.



This preview shows how white text looks on a background with the XYZ color 30.5441, 27.7149,

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

30.5441, 27.7149, 7.3541

Protanopia

25.2599, 27.7359, 8.1599

Deuteranopia

28.4107, 27.8517, 7.2467



Tritanopia

34.2738, 27.7022, 25.3704

Trichromacy



Original Color

30.5441, 27.7149, 7.3541

Protanomaly

27.0096, 27.5414, 7.8954

Deuteranomaly

29.0970, 27.7846, 7.3194

Tritanomaly

32.4652, 27.5233, 16.6981

Monochromacy



Original Color

30.5441, 27.7149, 7.3541

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.2573, 26.4907, 18.4812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5441, 27.7149, 7.3541 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(192, 131, 55)` looks like.

```
.text, #text, p{  
    color:rgb(192, 131, 55)  
}
```

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(192, 131, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 131, 55) }
```

Border

The CSS property to change the border of an element to XYZ 30.5441, 27.7149, 7.3541 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(192, 131, 55) }
```


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

```
.border{ border-color:rgb(192, 131, 55) }
```

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

Here you see how a box with a 4 pixel rgb(192, 131, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 131, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 131, 55);  
box-shadow:4px 4px 4px 4px rgb(192, 131,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5441, 27.7149, 7.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 131, 55) }
```

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

```
.background{ background-color: rgb(192,  
131, 55) }
```

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