

Converting Colors

XYZ(30.0900, 27.4752, 7.5882)

Have a look what the booklet for
XYZ(30.0900, 27.4752, 7.5882)
contains.

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Color

**XYZ(30.0900, 27.4752,
7.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8339
RGB	190, 131, 57
RGB Percent	75%, 51%, 22%
CMY	0.2549, 0.4863, 0.7765
CMYK	0.00, 0.31, 0.70, 0.25
HSL	33°, 54%, 48%
HSV	33°, 70%, 75%
XYZ	30.0900, 27.4752, 7.5882
YIQ	140.2050, 58.9180, -10.5060

Conversions

Conversions Part 2

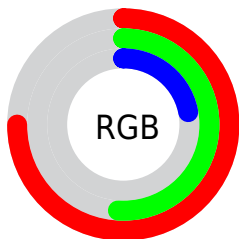
Format	Color
R _Y B	163, 190, 57
Decimal	12485433
CIE Lab	59.41, 15.72, 47.72
CIE LCh	59, 50.239, 71.763
Yxy	27.4752, 0.4618, 0.4217
Android (android.graphics.Color)	4290675513 (0xFFBE8339)
YUV	140.2050, -41.0201, 43.6702
Hunter-Lab	52.4168, 10.7390, 28.1085

Details

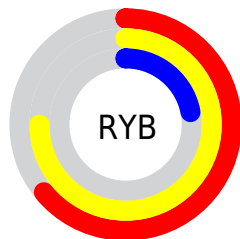
The XYZ color **30.0900, 27.4752, 7.5882** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **17.2265, 17.0774, 51.1031**, and the grayscale version is **25.1463, 26.4558, 28.8104**.

A 20% lighter version of the original color is **59.2716, 55.6877, 21.8122**, and **12.5440, 10.9445, 1.5088** is the 20% darker color. If you saturate the color by 10%, you get **28.6156, 25.1484, 5.1798**, and if you desaturate by 10%, it is **31.8351, 30.0599, 10.9621**.

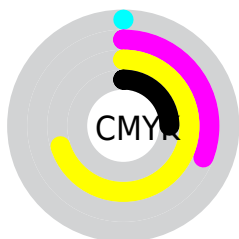
Distribution



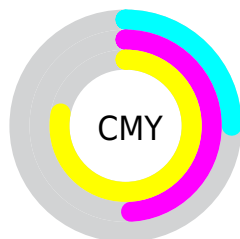
- Red (75%)
- Green (51%)
- Blue (22%)



- Red (64%)
- Yellow (75%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (70%)
- Black (25%)





- Cyan (25%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0900, 27.4752, 7.5882 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 30.0900, 27.4752, 7.5882 by changing the saturation by 10% instead.


 30.0900, 27.4752,
7.5882


 30.0900, 27.4752,
7.5882


294.2260,
289.9506, 182.2777


 20.0553, 17.9304,
3.7486


 59.1901, 55.6455,
21.6798

 12.5438, 10.9001,
1.4885


 78.9863, 75.0398,
32.7689

 7.1900, 5.9997,
0.2093


 102.7670, 98.4860,
47.1116

 3.6286, 2.8449,
0.0000

 130.8976,
126.3687, 65.1264

 1.4942, 1.0513,
0.0000

 163.7434,
159.0720, 87.2319

 0.3219, 0.0000,
0.0000

 201.6699,

 0.0000, 0.0000,

196.9806, 113.8465

0.0000

245.0423,
240.4786, 145.3890

■ 30.0900, 27.4752,
7.5882

■ 30.0900, 27.4752,
7.5882

■ 28.6156, 25.1484,
5.1798

■ 31.8351, 30.0599,
10.9621

■ 27.3868, 23.0626,
3.6243

■ 33.8688, 32.9096,
15.3940

■ 26.3605, 21.1980,
2.7023

■ 36.2094, 36.0360,
20.9673

■ 26.3604, 21.1977,
2.7022

■ 38.8729, 39.4488,
27.7565

■ 41.8740, 43.1567,
35.8296

■ 45.2264, 47.1684,
45.2496

■ 48.9429, 51.4918,
56.0754

■ 53.0359, 56.1347,
68.3623

■ 57.5167, 61.1044,
82.1626

Harmonies

Analogous

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



36.2275, 27.4752, 12.2529



30.0900, 27.4752, 7.5882



23.7229, 27.4752, 7.1892

Triad

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



30.0900, 27.4752, 7.5882



15.9633, 27.4752, 37.5568



35.0380, 27.4752, 63.9539

Complementary

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



30.0900, 27.4752, 7.5882



17.2265, 17.0774, 51.1031

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.



28.6614, 27.4752, 78.3276



30.0900, 27.4752, 7.5882



18.0837, 27.4752, 59.4673

Square

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



30.0900, 27.4752, 7.5882



16.2196, 27.4752, 20.3227



22.5053, 27.4752, 76.4177



39.3855, 27.4752, 42.1336

Rectangle

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



30.0900, 27.4752, 7.5882



20.2449, 27.4752, 9.0570



22.5053, 27.4752, 76.4177



33.0210, 27.4752, 70.1475

Sweetspot

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



30.0906, 27.4766, 7.5887



75.1166, 77.2742, 62.8274



25.9004, 15.1544, 18.3436



16.1523, 16.5486, 12.8650



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.



30.0906, 27.4766, 7.5887



50.6097, 43.4934, 7.6975



38.7635, 47.2322, 10.9448



9.9585, 10.3929, 10.0578



17.6076, 14.2540, 1.8233



0.7540, 0.6869, 0.0928

Inverse Universe

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



17.2265, 17.0774, 51.1031



25.9171, 23.6114, 91.4706



12.8492, 7.7225, 49.5281



9.3554, 9.9032, 12.0906



8.3784, 6.8685, 33.2771



0.3934, 0.3996, 1.3252

Previews

White Background



This preview shows how the XYZ color 30.0900, 27.4752, 7.5882 looks on a white background.

Color Contrast Check

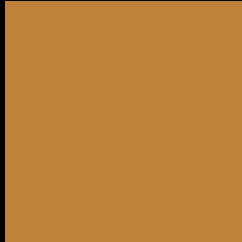
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0900, 27.4752, 7.5882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

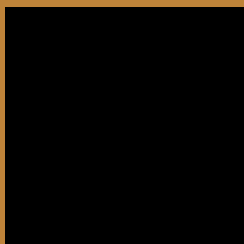
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0900, 27.4752, 7.5882

Background



This preview shows how black text looks on a background with the XYZ color 30.0900, 27.4752, 7.5882.



This preview shows how white text looks on a background with the XYZ color 30.0900, 27.4752,

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

30.0900, 27.4752, 7.5882

Protanopia

25.3128, 27.7570, 8.4384

Deuteranopia

28.0842, 27.4679, 7.4361



Tritanopia

33.7535, 27.4340, 25.3461

Trichromacy



Original Color

30.0900, 27.4752, 7.5882

Protanomaly

26.8428, 27.4494, 8.1585

Deuteranomaly

28.7673, 27.4030, 7.5145

Tritanomaly

32.0030, 27.2791, 16.9433

Monochromacy



Original Color

30.0900, 27.4752, 7.5882

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.8607, 26.2862, 18.4626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0900, 27.4752, 7.5882 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(190, 131, 57)` looks like.

```
.text, #text, p{  
    color:rgb(190, 131, 57)  
}
```

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(190, 131, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 131, 57) }
```

Border

The CSS property to change the border of an element to XYZ 30.0900, 27.4752, 7.5882 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(190, 131, 57) }
```


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

```
.border{ border-color:rgb(190, 131, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 131, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 131, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 131, 57);  
box-shadow:4px 4px 4px 4px rgb(190, 131,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0900, 27.4752, 7.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 131, 57) }
```

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

```
.background{ background-color: rgb(190,  
131, 57) }
```

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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