

Converting Colors

XYZ(30.8025, 27.4828, 9.6351)

Have a look what the booklet for
XYZ(30.8025, 27.4828, 9.6351)
contains.

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Color

**XYZ(30.7258, 27.3619,
9.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	C08147
RGB	192, 129, 71
RGB Percent	75%, 51%, 28%
CMY	0.2471, 0.4941, 0.7216
CMYK	0.00, 0.33, 0.63, 0.25
HSL	29°, 49%, 52%
HSV	29°, 63%, 75%
XYZ	30.7258, 27.3619, 9.6232
YIQ	141.2250, 56.1660, -4.6820

Conversions

Conversions Part 2

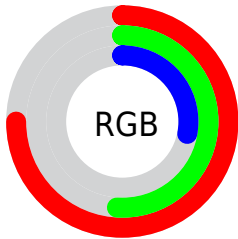
Format	Color
RYB	192, 182, 71
Decimal	12616007
CIELab	59.31, 18.55, 40.75
CIELCh	59, 44.778, 65.522
Yxy	27.3619, 0.4538, 0.4041
Android (android.graphics.Color)	4290806087 (0xFFC08147)
YUV	141.2250, -34.6209, 44.5297
Hunter-Lab	52.3086, 13.3099, 25.7085

Details

The XYZ color **30.7258, 27.3619, 9.6232** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **20.6376, 22.1945, 53.0651**, and the grayscale version is **25.5226, 26.8518, 29.2416**.

A 20% lighter version of the original color is **60.3240, 55.5318, 25.6285**, and **13.0150, 10.9501, 2.2382** is the 20% darker color. If you saturate the color by 10%, you get **28.9514, 24.6484, 6.4572**, and if you desaturate by 10%, it is **32.8250, 30.4136, 13.8583**.

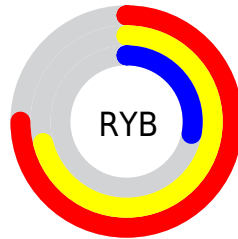
Distribution



Red (75%)

Green (51%)

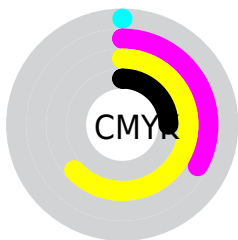
Blue (28%)



Red (75%)

Yellow (71%)

Blue (28%)

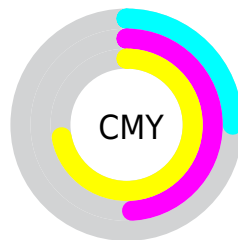


Cyan (0%)

Magenta (33%)

Yellow (63%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7258, 27.3619, 9.6232 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 30.7258, 27.3619, 9.6232 by changing the saturation by 10% instead.


 30.7258, 27.3619,
9.6232


 30.7258, 27.3619,
9.6232


297.1226,
289.4051, 198.3473


 20.5409, 17.8452,
5.0475


 60.1869, 55.4641,
25.6810


 12.8994, 10.8389,
2.2159


 80.1938, 74.8183,
38.0001

 7.4358, 5.9586,
0.6835


 104.2055, 98.2205,
53.7376

 3.7849, 2.8199,
0.0000

 132.5873,
126.0551, 73.3118

 1.5812, 1.0385,
0.0000

 165.7046,
158.7065, 97.1413

 0.3801, 0.0000,
0.0000

203.9226,

 0.0000, 0.0000,

196.5590, 125.6447

0.0000

247.6068,
239.9971, 159.2406

■ 30.7258, 27.3619,
9.6232

■ 30.7258, 27.3619,
9.6232

■ 28.9514, 24.6484,
6.4572

■ 32.8250, 30.4136,
13.8583

■ 27.4771, 22.2541,
4.2571

■ 35.2671, 33.8132,
19.2495

■ 26.2769, 20.1635,
2.9015

■ 38.0711, 37.5747,
25.8764

■ 25.5687, 18.8677,
2.2942

■ 41.2536, 41.7101,
33.8113

■ 44.8304, 46.2307,
43.1206

■ 48.8159, 51.1471,
53.8663

■ 53.2242, 56.4698,
66.1065

■ 58.0681, 62.2085,
79.8963

■ 63.3604, 68.3727,
95.2877

Harmonies

Analogous

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



35.7866, 27.3619, 15.2323



30.7258, 27.3619, 9.6232



24.9846, 27.3619, 8.4386

Triad

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



30.7258, 27.3619, 9.6232



16.6976, 27.3619, 32.8582



32.7746, 27.3619, 62.5797

Complementary

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



30.7258, 27.3619, 9.6232



20.6376, 22.1945, 53.0651

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.



27.0562, 27.3619, 72.2096



30.7258, 27.3619, 9.6232



18.1937, 27.3619, 51.5298

Square

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



30.7258, 27.3619, 9.6232



17.3896, 27.3619, 18.7591



21.7973, 27.3619, 67.5720



37.0833, 27.3619, 44.4757

Rectangle

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



30.7258, 27.3619, 9.6232



21.6396, 27.3619, 9.7354



21.7973, 27.3619, 67.5720



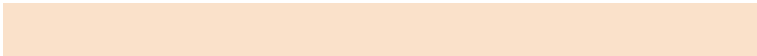
30.9250, 27.3619, 67.1628

Sweetspot

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



30.7264, 27.3633, 9.6237



77.0729, 78.5376, 67.2347



28.4023, 17.4775, 24.9958



16.1459, 16.3539, 13.4231



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.



30.7264, 27.3633, 9.6237



51.2735, 42.7716, 9.8250



40.8515, 47.6134, 12.9987



10.4626, 10.8567, 10.6060



17.2822, 12.8502, 1.5695



0.8157, 0.6932, 0.0908

Inverse Universe

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



20.6376, 22.1945, 53.0651



31.4748, 32.6021, 94.9942



14.6315, 10.1823, 51.0631



9.9524, 10.5961, 12.8055



9.5445, 8.8455, 34.7609



0.4811, 0.5196, 1.5248

Previews

White Background



This preview shows how the XYZ color 30.7258, 27.3619, 9.6232 looks on a white background.

Color Contrast Check

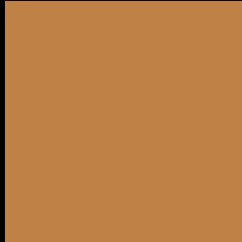
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7258, 27.3619, 9.6232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

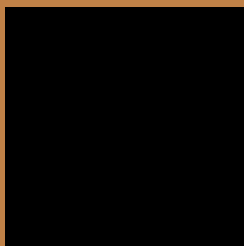
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7258, 27.3619, 9.6232

Background



This preview shows how black text looks on a background with the XYZ color 30.7258, 27.3619, 9.6232.



This preview shows how white text looks on a background with the XYZ color 30.7258, 27.3619,

9.6232.

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

30.7258, 27.3619, 9.6232

Protanopia

25.2275, 27.4358, 10.8035

Deuteranopia

28.0098, 27.3851, 9.4398



Tritanopia

33.8212, 27.2935, 24.9583

Trichromacy



Original Color

30.7258, 27.3619, 9.6232

Protanomaly

26.9021, 27.2174, 10.3142

Deuteranomaly

28.7844, 27.1623, 9.5201

Tritanomaly

32.5996, 27.3735, 18.0334

Monochromacy



Original Color

30.7258, 27.3619, 9.6232

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.5953, 26.6259, 20.2606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7258, 27.3619, 9.6232 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, 129, 71)` looks like.

```
.text, #text, p{  
    color:rgb(192, 129, 71)  
}
```

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, 129, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 129, 71) }
```

Border

The CSS property to change the border of an element to XYZ 30.7258, 27.3619, 9.6232 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, 129, 71) }
```


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

```
.border{ border-color:rgb(192, 129, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 129, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 129, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 129, 71);  
box-shadow:4px 4px 4px 4px rgb(192, 129,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7258, 27.3619, 9.6232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 129, 71) }
```

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

```
.background{ background-color: rgb(192,  
129, 71) }
```

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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