

Converting Colors

XYZ(32.4166, 28.2479, 9.0540)

Have a look what the booklet for
XYZ(32.4166, 28.2479, 9.0540)
contains.

XYZ(32.4166, 28.2479, 9.0540)	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(32.4166, 28.2479,
9.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	C78143
RGB	199, 129, 67
RGB Percent	78%, 51%, 26%
CMY	0.2196, 0.4941, 0.7372
CMYK	0.00, 0.35, 0.66, 0.22
HSL	28°, 54%, 52%
HSV	28°, 66%, 78%
XYZ	32.4166, 28.2479, 9.0540
YIQ	142.8620, 61.6220, -4.4420

Conversions

Conversions Part 2

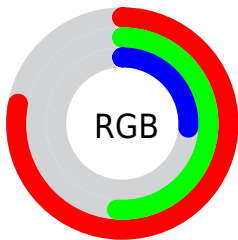
Format	Color
RYB	199, 184, 67
Decimal	13074755
CIELab	60.11, 21.27, 43.93
CIELCh	60, 48.810, 64.167
Yxy	28.2479, 0.4650, 0.4052
Android (android.graphics.Color)	4291264835 (0xFFC78143)
YUV	142.8620, -37.4000, 49.2330
Hunter-Lab	53.1488, 15.8608, 27.1040

Details

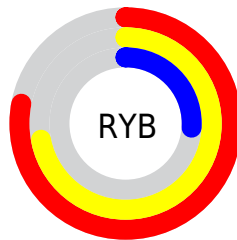
The XYZ color **32.4166, 28.2479, 9.0540** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **21.5686, 23.2069, 57.3752**, and the grayscale version is **26.1813, 27.5448, 29.9963**.

A 20% lighter version of the original color is **61.1788, 56.0003, 24.4143**, and **13.8817, 11.2952, 1.9789** is the 20% darker color. If you saturate the color by 10%, you get **30.6002, 25.4120, 5.9923**, and if you desaturate by 10%, it is **34.5830, 31.4558, 13.2446**.

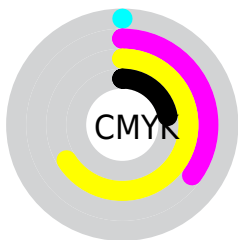
Distribution



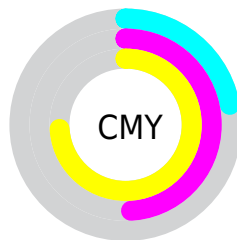
- Red (78%)
- Green (51%)
- Blue (26%)



- Red (78%)
- Yellow (72%)
- Blue (26%)



- Cyan (0%)
- Magenta (35%)
- Yellow (66%)
- Black (22%)





- Cyan (22%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4166, 28.2479, 9.0540 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 32.4166, 28.2479, 9.0540 by changing the saturation by 10% instead.


 32.4166, 28.2479,
9.0540


 32.4166, 28.2479,
9.0540


304.7243,
293.6496, 194.0131


 21.8370, 18.5126,
4.6791


 62.8244, 56.8800,
24.5796

 13.8531, 11.3186,
2.0048


 83.3833, 76.5456,
36.5675

 8.0996, 6.2816,
0.5582


 107.9994,
100.2900, 51.9301

 4.2111, 3.0170,
0.0000

 137.0380,
128.4978, 71.0860

 1.8222, 1.1406,
0.0000

 170.8644,
161.5532, 94.4537

 0.5310, 0.0124,
0.0000

209.8440,

 0.0000, 0.0000,

199.8408, 122.4517

0.0000

254.3422,
243.7447, 155.4987

■ 32.4166, 28.2479,
9.0540

■ 32.4166, 28.2479,
9.0540

■ 30.6002, 25.4120,
5.9923

■ 34.5830, 31.4558,
13.2446

■ 29.1054, 22.9264,
3.9404

■ 37.1204, 35.0473,
18.6636

■ 27.9001, 20.7721,
2.7486

■ 40.0504, 39.0385,
25.4011

■ 27.5094, 20.0548,
2.4211

■ 43.3918, 43.4431,
33.5384

■ 47.1624, 48.2742,
43.1501

■ 51.3786, 53.5439,
54.3055

■ 56.0559, 59.2641,
67.0693

■ 61.2092, 65.4460,
81.5027

■ 66.8524, 72.1005,
97.6636

Harmonies

Analogous

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



38.0349, 28.2479, 15.2285



32.4166, 28.2479, 9.0540



25.9874, 28.2479, 7.6553

Triad

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



32.4166, 28.2479, 9.0540



16.5825, 28.2479, 33.3189



34.1569, 28.2479, 68.7900

Complementary

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



32.4166, 28.2479, 9.0540



21.5686, 23.2069, 57.3752

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.



27.7290, 28.2479, 79.2553



32.4166, 28.2479, 9.0540



18.1039, 28.2479, 54.3383

Square

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



32.4166, 28.2479, 9.0540



17.4426, 28.2479, 18.0949



21.9581, 28.2479, 73.1436



39.1438, 28.2479, 48.2673

Rectangle

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



32.4166, 28.2479, 9.0540



22.2355, 28.2479, 8.8686



21.9581, 28.2479, 73.1436



32.0597, 28.2479, 73.8978

Sweetspot

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



32.4173, 28.2493, 9.0545



79.8705, 81.0825, 68.5676



30.1045, 17.9742, 25.7005



16.6944, 16.8405, 13.6555



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.



32.4173, 28.2493, 9.0545



52.2442, 42.3124, 8.5455



43.9918, 51.3984, 12.9127



11.0378, 11.4447, 11.1901



17.7754, 13.0681, 1.5855



0.9140, 0.7635, 0.0992

Inverse Universe

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



21.5686, 23.2069, 57.3752



31.8433, 32.7800, 99.2566



14.9025, 9.8746, 55.1531



10.5145, 11.2030, 13.5257



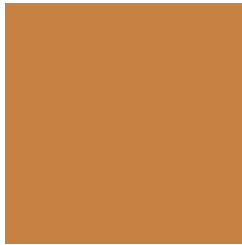
9.9998, 9.3935, 36.0304



0.5456, 0.5889, 1.7301

Previews

White Background



This preview shows how the XYZ color 32.4166, 28.2479, 9.0540 looks on a white background.

Color Contrast Check

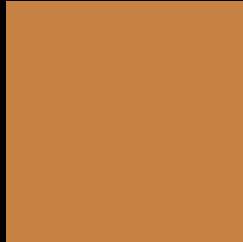
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4166, 28.2479, 9.0540 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 32.4166, 28.2479, 9.0540

Background



This preview shows how black text looks on a background with the XYZ color 32.4166, 28.2479, 9.0540.



This preview shows how white text looks on a background with the XYZ color 32.4166, 28.2479,

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

32.4166, 28.2479, 9.0540

Protanopia

25.9930, 28.2957, 10.2225

Deuteranopia

28.8650, 28.2619, 8.9348



Tritanopia

35.6849, 28.2543, 25.0456

Trichromacy



Original Color

32.4166, 28.2479, 9.0540

Protanomaly

28.0173, 28.0214, 9.7263

Deuteranomaly

30.1409, 28.2861, 9.0254

Tritanomaly

34.3975, 28.3065, 17.8381

Monochromacy



Original Color

32.4166, 28.2479, 9.0540

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.2872, 27.2013, 20.0318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4166, 28.2479, 9.0540 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(199, 129, 67)` looks like.

```
.text, #text, p{  
    color:rgb(199, 129, 67)  
}
```

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(199, 129, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 129, 67) }
```

Border

The CSS property to change the border of an element to XYZ 32.4166, 28.2479, 9.0540 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(199, 129, 67) }
```


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

```
.border{ border-color:rgb(199, 129, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 129, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 129, 67); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 129, 67); box-shadow:4px 4px 4px 4px rgb(199, 129, 67) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4166, 28.2479, 9.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 129, 67) }
```

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

```
.background{ background-color: rgb(199,  
129, 67) }
```

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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