

Converting Colors

XYZ(32.8311, 28.1233, 9.2709)

Have a look what the booklet for
XYZ(32.8311, 28.1233, 9.2709)
contains.

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Color

**XYZ(32.7509, 28.0259,
9.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	C97F45
RGB	201, 127, 69
RGB Percent	79%, 50%, 27%
CMY	0.2118, 0.5019, 0.7294
CMYK	0.00, 0.37, 0.66, 0.21
HSL	26°, 55%, 53%
HSV	26°, 66%, 79%
XYZ	32.7509, 28.0259, 9.3136
YIQ	142.5140, 62.7220, -2.3500

Conversions

Conversions Part 2

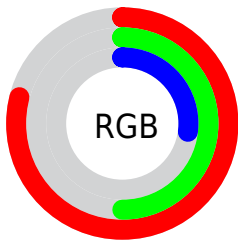
Format	Color
R_{YB}	201, 172, 69
Decimal	13205317
CIE _{Lab}	59.91, 23.33, 42.76
CIE _{LCh}	60, 48.711, 61.386
Yxy	28.0259, 0.4673, 0.3999
Android (android.graphics.Color)	4291395397 (0xFFC97F45)
YUV	142.5140, -36.2424, 51.2922
Hunter-Lab	52.9395, 17.7845, 26.6268

Details

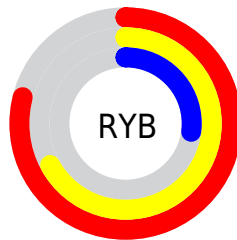
The XYZ color **32.7509, 28.0259, 9.3136** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **22.8186, 25.1258, 58.9050**, and the grayscale version is **26.0377, 27.3936, 29.8317**.

A 20% lighter version of the original color is **60.8910, 55.2344, 24.9048**, and **13.9355, 11.1090, 2.0716** is the 20% darker color. If you saturate the color by 10%, you get **30.8548, 25.0689, 6.1074**, and if you desaturate by 10%, it is **35.0224, 31.3958, 13.6877**.

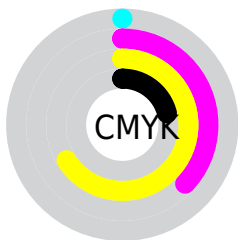
Distribution



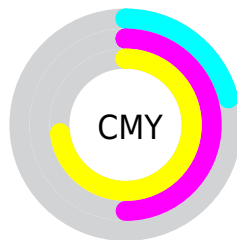
- Red (79%)
- Green (50%)
- Blue (27%)



- Red (79%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (66%)
- Black (21%)





- Cyan (21%)
- Magenta (50%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7509, 28.0259, 9.3136 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 32.7509, 28.0259, 9.3136 by changing the saturation by 10% instead.


 32.7509, 28.0259,
9.3136


 32.7509, 28.0259,
9.3136


306.2107,
292.5907, 196.0038

 22.0940, 18.3452,
4.8467


 63.3437, 56.5258,
25.0835


 14.0430, 11.1981,
2.1004


 84.0103, 76.1138,
37.2236

 8.2325, 6.2002,
0.6160


 108.7443, 99.7729,
52.7584

 4.2971, 2.9672,
0.0000

 137.9108,
127.8877, 72.1067

 1.8716, 1.1146,
0.0000

 171.8754,
160.8425, 95.6868

 0.5602, 0.0000,
0.0000

211.0033,

 0.0000, 0.0000,

199.0216, 123.9173

0.0000

255.6600,
242.8095, 157.2168

■ 32.7509, 28.0259,
9.3136

■ 32.7509, 28.0259,
9.3136

■ 30.8548, 25.0689,
6.1074

■ 35.0224, 31.3958,
13.6877

■ 29.3044, 22.5009,
3.9482

■ 37.6916, 35.1922,
19.3312

■ 28.0671, 20.3010,
2.6891

■ 40.7810, 39.4330,
26.3361

■ 27.6037, 19.4504,
2.2994

■ 44.3110, 44.1339,
34.7853

■ 48.3000, 49.3093,
44.7553

■ 52.7658, 54.9733,
56.3169

■ 57.7246, 61.1392,
69.5364

■ 63.1924, 67.8197,
84.4765

■ 69.1839, 75.0271,
101.1965

Harmonies

Analogous

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



38.1389, 28.0259, 15.9884



32.7509, 28.0259, 9.3136



26.3510, 28.0259, 7.5557

Triad

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



32.7509, 28.0259, 9.3136



16.4269, 28.0259, 31.3470



33.3263, 28.0259, 69.8202

Complementary

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



32.7509, 28.0259, 9.3136



22.8186, 25.1258, 58.9050

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.



26.9266, 28.0259, 78.8204



32.7509, 28.0259, 9.3136



17.7180, 28.0259, 51.9210

Square

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



32.7509, 28.0259, 9.3136



17.4996, 28.0259, 16.9342



21.3370, 28.0259, 71.2610



38.5056, 28.0259, 49.9130

Rectangle

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



32.7509, 28.0259, 9.3136



22.5309, 28.0259, 8.5147



21.3370, 28.0259, 71.2610



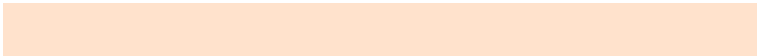
31.2156, 28.0259, 74.5041

Sweetspot

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



32.7516, 28.0273, 9.3141



79.4474, 80.2362, 68.4265



31.2342, 18.6814, 28.2653



16.5935, 16.6385, 13.6218



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.



32.7516, 28.0273, 9.3141



51.5793, 40.8901, 8.6089



44.0549, 50.6340, 13.0819



11.0110, 11.3911, 11.1811



17.4443, 12.4057, 1.4751



0.8978, 0.7311, 0.0938

Inverse Universe

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



22.8186, 25.1258, 58.9050



33.2702, 35.4378, 99.6944



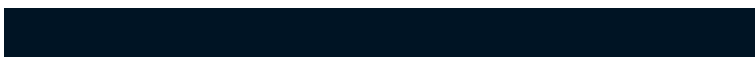
15.7072, 10.9029, 56.5345



10.5416, 11.2572, 13.5347



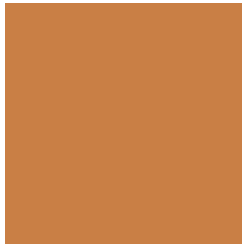
10.4114, 10.2168, 36.1677



0.5642, 0.6263, 1.7363

Previews

White Background



This preview shows how the XYZ color 32.7509, 28.0259, 9.3136 looks on a white background.

Color Contrast Check

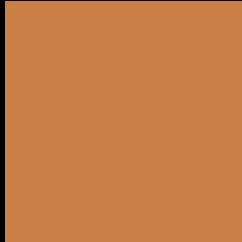
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7509, 28.0259, 9.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

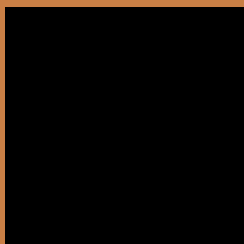
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7509, 28.0259, 9.3136

Background



This preview shows how black text looks on a background with the XYZ color 32.7509, 28.0259, 9.3136.



This preview shows how white text looks on a background with the XYZ color 32.7509, 28.0259,

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

32.7509, 28.0259, 9.3136

Protanopia

25.8926, 28.2324, 10.7413

Deuteranopia

28.6623, 28.1540, 9.0779



Tritanopia

35.8558, 27.9971, 24.2830

Trichromacy



Original Color

32.7509, 28.0259, 9.3136

Protanomaly

27.9703, 27.7720, 10.1897

Deuteranomaly

30.0317, 28.0202, 9.1358

Tritanomaly

34.6386, 28.0648, 17.5013

Monochromacy



Original Color

32.7509, 28.0259, 9.3136

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.4079, 27.0448, 20.2986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7509, 28.0259, 9.3136 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(201, 127, 69)` looks like.

```
.text, #text, p{  
    color:rgb(201, 127, 69)  
}
```

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(201, 127, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 127, 69) }
```

Border

The CSS property to change the border of an element to XYZ 32.7509, 28.0259, 9.3136 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(201, 127, 69) }
```


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

```
.border{ border-color:rgb(201, 127, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 127, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 127, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 127, 69);  
box-shadow:4px 4px 4px 4px rgb(201, 127,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7509, 28.0259, 9.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 127, 69) }
```

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

```
.background{ background-color: rgb(201,  
127, 69) }
```

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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