

Converting Colors

XYZ(32.3022, 28.5972, 8.5199)

Have a look what the booklet for
XYZ(32.3022, 28.5972, 8.5199)
contains.

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Color

**XYZ(32.3022, 28.5972,
8.5199)**

Conversions

Conversions Part 1

Format	Color
Hex	C6833F
RGB	198, 131, 63
RGB Percent	78%, 51%, 25%
CMY	0.2235, 0.4863, 0.7529
CMYK	0.00, 0.34, 0.68, 0.22
HSL	30°, 54%, 51%
HSV	30°, 68%, 78%
XYZ	32.3022, 28.5972, 8.5199
YIQ	143.2810, 61.7600, -6.9440

Conversions

Conversions Part 2

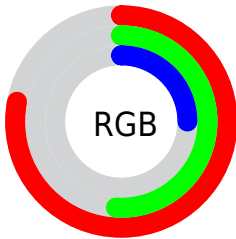
Format	Color
R_{YB}	196, 198, 63
Decimal	13009727
CIE Lab	60.42, 19.51, 46.22
CIE LCh	60, 50.172, 67.115
Yxy	28.5972, 0.4653, 0.4119
Android (android.graphics.Color)	4291199807 (0xFFC6833F)
YUV	143.2810, -39.5785, 47.9886
Hunter-Lab	53.4763, 14.2387, 27.9873

Details

The XYZ color **32.3022, 28.5972, 8.5199** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **20.2251, 21.0982, 56.4322**, and the grayscale version is **26.3575, 27.7301, 30.1981**.

A 20% lighter version of the original color is **61.3611, 56.7332, 23.3393**, and **13.8181, 11.4845, 1.8050** is the 20% darker color. If you saturate the color by 10%, you get **30.5875, 25.9000, 5.6920**, and if you desaturate by 10%, it is **34.3423, 31.6272, 12.4382**.

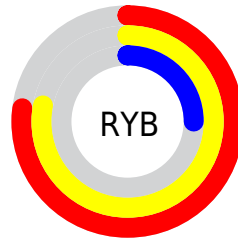
Distribution



Red (78%)

Green (51%)

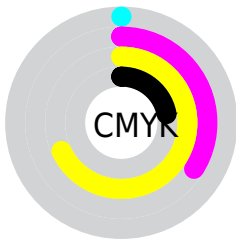
Blue (25%)



Red (77%)

Yellow (78%)

Blue (25%)

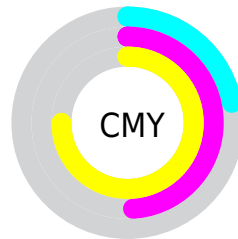


Cyan (0%)

Magenta (34%)

Yellow (68%)

Black (22%)



Cyan (22%)


Magenta (49%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3022, 28.5972, 8.5199 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 32.3022, 28.5972, 8.5199 by changing the saturation by 10% instead.


 32.3022, 28.5972,
8.5199


 32.3022, 28.5972,
8.5199


304.2145,
295.3097, 189.8391

 21.7491, 18.7763,
4.3369


 62.6465, 57.4365,
23.5343


 13.7882, 11.5088,
1.8119


 83.1685, 77.2237,
35.2028


 8.0542, 6.4101,
0.4358


 107.7441,
101.1018, 50.2034

 4.1818, 3.0960,
0.0000

 136.7387,
129.4552, 68.9549

 1.8055, 1.1821,
0.0000

 170.5177,
162.6683, 91.8756

 0.5210, 0.0470,
0.0000

 209.4464,

 0.0000, 0.0000,

201.1255, 119.3842

0.0000

253.8902,
245.2111, 151.8992

■ 32.3022, 28.5972,
8.5199

■ 32.3022, 28.5972,
8.5199

■ 30.5875, 25.9000,
5.6920

■ 34.3423, 31.6272,
12.4382

■ 29.1704, 23.5154,
3.8334

■ 36.7284, 35.0001,
17.5473

■ 28.0134, 21.4237,
2.7622

■ 39.4811, 38.7303,
23.9379

■ 27.8209, 21.0702,
2.6006

■ 42.6190, 42.8303,
31.6914

■ 46.1589, 47.3115,
40.8824

■ 50.1166, 52.1850,
51.5798

■ 54.5071, 57.4611,
63.8483

■ 59.3445, 63.1499,
77.7488

■ 64.6421, 69.2610,
93.3386

Harmonies

Analogous

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



38.3358, 28.5972, 14.2287



32.3022, 28.5972, 8.5199



25.6714, 28.5972, 7.4991

Triad

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



32.3022, 28.5972, 8.5199



16.6257, 28.5972, 35.7539



35.3846, 28.5972, 68.9840

Complementary

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



32.3022, 28.5972, 8.5199



20.2251, 21.0982, 56.4322

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.



28.7482, 28.5972, 81.4465



32.3022, 28.5972, 8.5199



18.4314, 28.5972, 57.9086

Square

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



32.3022, 28.5972, 8.5199



17.2694, 28.5972, 19.2526



22.6315, 28.5972, 76.7449



40.3031, 28.5972, 47.1187

Rectangle

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



32.3022, 28.5972, 8.5199



21.9042, 28.5972, 8.9961



22.6315, 28.5972, 76.7449



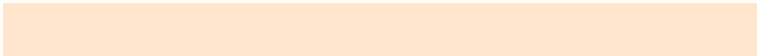
33.2432, 28.5972, 74.7384

Sweetspot

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



32.3029, 28.5986, 8.5204



80.3499, 82.0412, 68.7274



29.1292, 17.1861, 23.0777



16.8090, 17.0696, 13.6937



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.



32.3029, 28.5986, 8.5204



52.8351, 43.6643, 8.2178



44.3798, 52.7526, 12.5461



11.0680, 11.5051, 11.2001



18.1784, 13.8740, 1.7198



0.9332, 0.8018, 0.1056

Inverse Universe

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



20.2251, 21.0982, 56.4322



30.0257, 29.5055, 98.7203



14.0206, 8.6892, 54.3640



10.4841, 11.1423, 13.5156



9.5705, 8.5349, 35.8873



0.5256, 0.5490, 1.7234

Previews

White Background



This preview shows how the XYZ color 32.3022, 28.5972, 8.5199 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 32.3022, 28.5972, 8.5199 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 32.3022, 28.5972, 8.5199

Background



This preview shows how black text looks on a background with the XYZ color 32.3022, 28.5972, 8.5199.



This preview shows how white text looks on a background with the XYZ color 32.3022, 28.5972,

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

32.3022, 28.5972, 8.5199

Protanopia

26.2226, 28.6565, 9.6180

Deuteranopia

29.1310, 28.6259, 8.4049



Tritanopia

35.9452, 28.5559, 25.8076

Trichromacy



Original Color

32.3022, 28.5972, 8.5199

Protanomaly

28.1874, 28.5571, 9.1807

Deuteranomaly

30.1672, 28.5209, 8.4725

Tritanomaly

34.2550, 28.4219, 17.8679

Monochromacy



Original Color

32.3022, 28.5972, 8.5199

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.3741, 27.4667, 19.7784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3022, 28.5972, 8.5199 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(198, 131, 63)` looks like.

```
.text, #text, p{  
    color:rgb(198, 131, 63)  
}
```

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(198, 131, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 131, 63) }
```

Border

The CSS property to change the border of an element to XYZ 32.3022, 28.5972, 8.5199 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(198, 131, 63) }
```


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

```
.border{ border-color:rgb(198, 131, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 131, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 131, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 131, 63);  
box-shadow:4px 4px 4px 4px rgb(198, 131,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3022, 28.5972, 8.5199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 131, 63) }
```

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

```
.background{ background-color: rgb(198,  
131, 63) }
```

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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