

Converting Colors

XYZ(30.6253, 27.6954, 8.2598)

Have a look what the booklet for
XYZ(30.6253, 27.6954, 8.2598)
contains.

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Color

**XYZ(30.7240, 27.7869,
8.3015)**

Conversions

Conversions Part 1

Format	Color
Hex	C0833E
RGB	192, 131, 62
RGB Percent	75%, 51%, 24%
CMY	0.2471, 0.4863, 0.7569
CMYK	0.00, 0.32, 0.68, 0.25
HSL	32°, 51%, 50%
HSV	32°, 68%, 75%
XYZ	30.7240, 27.7869, 8.3015
YIQ	141.3730, 58.5050, -8.5270

Conversions

Conversions Part 2

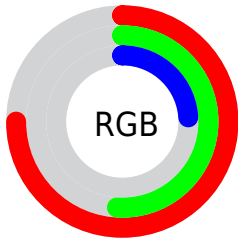
Format	Color
R_{YB}	177, 192, 62
Decimal	12616510
CIE Lab	59.70, 16.87, 45.70
CIE LCh	60, 48.719, 69.735
Yxy	27.7869, 0.4599, 0.4159
Android (android.graphics.Color)	4290806590 (0xFFC0833E)
YUV	141.3730, -39.1309, 44.3999
Hunter-Lab	52.7133, 11.7907, 27.5621

Details

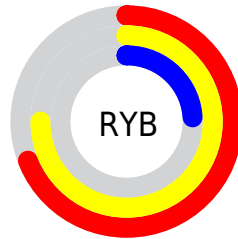
The XYZ color **30.7240, 27.7869, 8.3015** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **18.5835, 18.9948, 52.5556**, and the grayscale version is **25.5976, 26.9306, 29.3275**.

A 20% lighter version of the original color is **60.2100, 56.1463, 22.9931**, and **12.9036, 11.1248, 1.7544** is the 20% darker color. If you saturate the color by 10%, you get **29.1296, 25.2977, 5.6142**, and if you desaturate by 10%, it is **32.6110, 30.5638, 12.0050**.

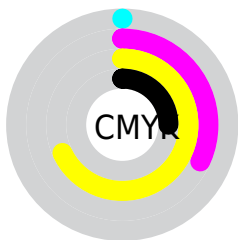
Distribution



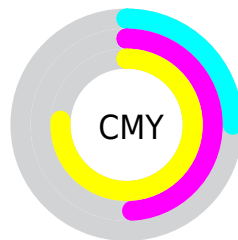
- Red (75%)
- Green (51%)
- Blue (24%)



- Red (69%)
- Yellow (75%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (68%)
- Black (25%)



- Cyan (25%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7240, 27.7869, 8.3015 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 30.7240, 27.7869, 8.3015 by changing the saturation by 10% instead.

■ 30.7240, 27.7869,
8.3015

■ 30.7240, 27.7869,
8.3015

297.1144,
291.4472, 188.1001

■ 20.5396, 18.1651,
4.1979

■ 60.1841, 56.1440,
23.1033

■ 12.8984, 11.0686,
1.7346

■ 80.1904, 75.6481,
34.6386

■ 7.4351, 6.1130,
0.3843

■ 104.2015, 99.2151,
49.4882

■ 3.7844, 2.9139,
0.0000

■ 132.5826,
127.2294, 68.0707

■ 1.5809, 1.0869,
0.0000

■ 165.6990,
160.0754, 90.8046

■ 0.3799, 0.0000,
0.0000

■ 203.9163,

■ 0.0000, 0.0000,

198.1374, 118.1084

0.0000

247.5996,
241.7999, 150.4007

■ 30.7240, 27.7869,
8.3015

■ 30.7240, 27.7869,
8.3015

■ 29.1296, 25.2977,
5.6142

■ 32.6110, 30.5638,
12.0050

■ 27.8027, 23.0784,
3.8318

■ 34.8088, 33.6363,
16.8166

■ 26.7105, 21.1127,
2.7938

■ 37.3362, 37.0171,
22.8200

■ 26.4810, 20.6924,
2.5983

■ 40.2097, 40.7165,
30.0900

■ 43.4444, 44.7445,
38.6953

■ 47.0547, 49.1102,
48.6995

■ 51.0538, 53.8226,
60.1624

■ 55.4544, 58.8901,
73.1400

■ 60.2686, 64.3208,
87.6855

Harmonies

Analogous

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



36.5934, 27.7869, 13.3535



30.7240, 27.7869, 8.3015



24.4602, 27.7869, 7.6403

Triad

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



30.7240, 27.7869, 8.3015



16.3820, 27.7869, 36.3536



34.7181, 27.7869, 64.5071

Complementary

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



30.7240, 27.7869, 8.3015



18.5835, 18.9948, 52.5556

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.



28.4620, 27.7869, 77.4436



30.7240, 27.7869, 8.3015



18.3173, 27.7869, 57.4937

Square

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



30.7240, 27.7869, 8.3015



16.7941, 27.7869, 19.9714



22.5211, 27.7869, 74.4708



39.1364, 27.7869, 43.5738

Rectangle

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



30.7240, 27.7869, 8.3015



20.9665, 27.7869, 9.3402



22.5211, 27.7869, 74.4708



32.7239, 27.7869, 70.2438

Sweetspot

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



30.7246, 27.7883, 8.3020



77.1233, 79.1096, 65.7994



27.1518, 16.1283, 21.0285



16.1853, 16.5244, 13.1539



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.



30.7246, 27.7883, 8.3020



51.6205, 43.9330, 8.4997



40.9124, 48.9724, 11.8540



10.5059, 10.9431, 10.6204



17.8976, 14.0810, 1.7746



0.8418, 0.7455, 0.0995

Inverse Universe

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



18.5835, 18.9948, 52.5556



28.1750, 26.9932, 94.0855



13.3624, 8.3469, 50.7756



9.9092, 10.5097, 12.7911



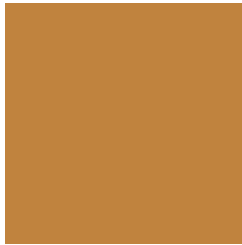
8.9438, 7.6441, 34.5607



0.4554, 0.4681, 1.5162

Previews

White Background



This preview shows how the XYZ color 30.7240, 27.7869, 8.3015 looks on a white background.

Color Contrast Check

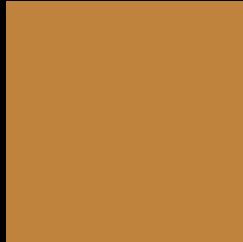
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7240, 27.7869, 8.3015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

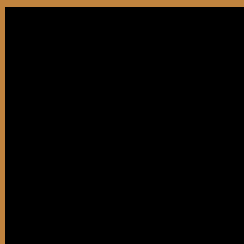
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7240, 27.7869, 8.3015

Background



This preview shows how black text looks on a background with the XYZ color 30.7240, 27.7869, 8.3015.



This preview shows how white text looks on a background with the XYZ color 30.7240, 27.7869,

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

30.7240, 27.7869, 8.3015

Protanopia

25.4538, 27.8134, 9.1812

Deuteranopia

28.3517, 27.8013, 8.1469



Tritanopia

34.3426, 27.7297, 25.7326

Trichromacy



Original Color

30.7240, 27.7869, 8.3015

Protanomaly

27.2000, 27.6175, 8.8982

Deuteranomaly

29.2734, 27.8552, 8.2486

Tritanomaly

32.6204, 27.5853, 17.5151

Monochromacy



Original Color

30.7240, 27.7869, 8.3015

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.3675, 26.5348, 19.0612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7240, 27.7869, 8.3015 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, 131, 62)` looks like.

```
.text, #text, p{  
    color:rgb(192, 131, 62)  
}
```

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, 131, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 131, 62) }
```

Border

The CSS property to change the border of an element to XYZ 30.7240, 27.7869, 8.3015 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, 131, 62) }
```


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

```
.border{ border-color:rgb(192, 131, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 131, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 131, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 131, 62);  
box-shadow:4px 4px 4px 4px rgb(192, 131,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7240, 27.7869, 8.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 131, 62) }
```

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

```
.background{ background-color: rgb(192,  
131, 62) }
```

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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