

Converting Colors

XYZ(29.7240, 25.6301, 9.4289)

Have a look what the booklet for
XYZ(29.7240, 25.6301, 9.4289)
contains.

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Color

**XYZ(29.7385, 25.7102,
9.5261)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7B48
RGB	191, 123, 72
RGB Percent	75%, 48%, 28%
CMY	0.2510, 0.5176, 0.7176
CMYK	0.00, 0.36, 0.62, 0.25
HSL	26°, 48%, 52%
HSV	26°, 62%, 75%
XYZ	29.7385, 25.7102, 9.5261
YIQ	137.5180, 56.8990, -1.4450

Conversions

Conversions Part 2

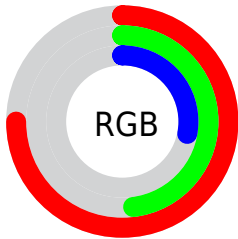
Format	Color
R_{YB}	191, 161, 72
Decimal	12548936
CIE _{Lab}	57.76, 21.51, 38.39
CIE _{LCh}	58, 44.001, 60.742
Yxy	25.7102, 0.4577, 0.3957
Android (android.graphics.Color)	4290739016 (0xFFBF7B48)
YUV	137.5180, -32.3004, 46.9037
Hunter-Lab	50.7052, 15.9557, 24.3547

Details

The XYZ color **29.7385, 25.7102, 9.5261** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.4539, 23.8942, 52.7711**, and the grayscale version is **24.0784, 25.3324, 27.5869**.

A 20% lighter version of the original color is **58.8218, 52.9650, 25.5354**, and **12.2971, 9.9543, 2.1929** is the 20% darker color. If you saturate the color by 10%, you get **27.9304, 22.9411, 6.3123**, and if you desaturate by 10%, it is **31.8923, 28.8612, 13.8104**.

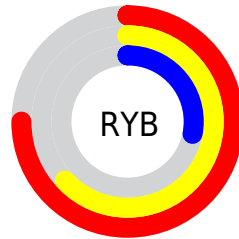
Distribution



Red (75%)

Green (48%)

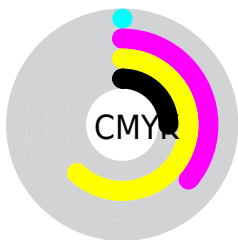
Blue (28%)



Red (75%)

Yellow (63%)

Blue (28%)

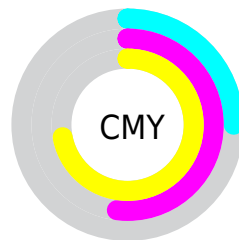


Cyan (0%)

Magenta (36%)

Yellow (62%)

Black (25%)



Cyan (25%)


Magenta (52%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7385, 25.7102, 9.5261 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 29.7385, 25.7102, 9.5261 by changing the saturation by 10% instead.


 29.7385, 25.7102,
9.5261


 29.7385, 25.7102,
9.5261


292.6154,
281.3566, 197.6158


 19.7873, 16.6070,
4.9844


 58.6379, 52.8071,
25.4940

 12.3479, 9.9547,
2.1795


 78.3167, 71.5695,
37.7573

 7.0549, 5.3689,
0.6625


 101.9688, 94.3204,
53.4315

 3.5431, 2.4653,
0.0000

 129.9595,
121.4442, 72.9352

 1.4471, 0.8592,
0.0000

 162.6541,
153.3254, 96.6870

 0.2894, 0.0000,
0.0000

200.4181,

 0.0000, 0.0000,

190.3482, 125.1053

0.0000

243.6167,
232.8971, 158.6087

■ 29.7385, 25.7102,
9.5261

■ 29.7385, 25.7102,
9.5261

■ 27.9304, 22.9411,
6.3123

■ 31.8923, 28.8612,
13.8104

■ 26.4426, 20.5327,
4.0680

■ 34.4110, 32.4061,
19.2508

■ 25.2484, 18.4671,
2.6746

■ 37.3141, 36.3611,
25.9258

■ 24.4928, 17.0905,
2.0079

■ 40.6192, 40.7400,
33.9066

■ 44.3427, 45.5560,
43.2588

■ 48.5000, 50.8217,
54.0436

■ 53.1055, 56.5491,
66.3185

■ 58.1732, 62.7497,
80.1379

■ 63.7162, 69.4346,
95.5533

Harmonies

Analogous

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



34.2353, 25.7102, 15.6132



29.7385, 25.7102, 9.5261



24.3057, 25.7102, 7.8321

Triad

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



29.7385, 25.7102, 9.5261



15.6310, 25.7102, 28.3718



29.9985, 25.7102, 61.1304

Complementary

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



29.7385, 25.7102, 9.5261



21.4539, 23.8942, 52.7711

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.



24.5683, 25.7102, 68.2592



29.7385, 25.7102, 9.5261



16.7128, 25.7102, 45.6286

Square

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



29.7385, 25.7102, 9.5261



16.6110, 25.7102, 16.0587



19.8059, 25.7102, 61.7656



34.3999, 25.7102, 44.7324

Rectangle

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



29.7385, 25.7102, 9.5261



21.0168, 25.7102, 8.6646



19.8059, 25.7102, 61.7656



28.2089, 25.7102, 64.9082

Sweetspot

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



29.7391, 25.7115, 9.5266



74.6718, 75.4721, 65.4924



28.6420, 17.6468, 27.2589



15.9898, 16.0417, 13.3711



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.



29.7391, 25.7115, 9.5266



48.9230, 39.3372, 9.5484



39.1962, 44.6256, 12.6789



9.8574, 10.1907, 10.0241



16.1731, 11.3850, 1.3451



0.6985, 0.5759, 0.0744

Inverse Universe

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



21.4539, 23.8942, 52.7711



32.7916, 35.7010, 93.4418



15.0876, 11.1616, 50.6490



9.4568, 10.1058, 12.1244



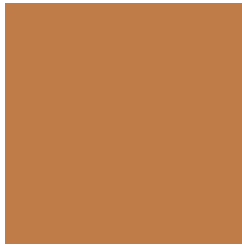
9.8648, 9.8413, 33.7725



0.4501, 0.5129, 1.3441

Previews

White Background



This preview shows how the XYZ color 29.7385, 25.7102, 9.5261 looks on a white background.

Color Contrast Check

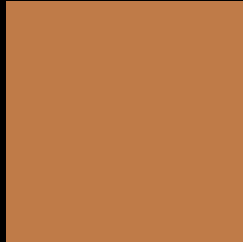
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7385, 25.7102, 9.5261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

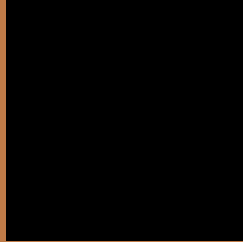
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7385, 25.7102, 9.5261

Background



This preview shows how black text looks on a background with the XYZ color 29.7385, 25.7102, 9.5261.



This preview shows how white text looks on a background with the XYZ color 29.7385, 25.7102,

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

29.7385, 25.7102, 9.5261

Protanopia

23.7446, 25.7876, 10.9338

Deuteranopia

26.2876, 25.8752, 9.4033



Tritanopia

32.5686, 25.8054, 22.6664

Trichromacy



Original Color

29.7385, 25.7102, 9.5261

Protanomaly

25.6284, 25.5124, 10.4111

Deuteranomaly

27.3477, 25.6204, 9.4651

Tritanomaly

31.4465, 25.7036, 16.9395

Monochromacy



Original Color

29.7385, 25.7102, 9.5261

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.3294, 25.1581, 19.4406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7385, 25.7102, 9.5261 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(191, 123, 72)` looks like.

```
.text, #text, p{  
    color:rgb(191, 123, 72)  
}
```

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(191, 123, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 123, 72) }
```

Border

The CSS property to change the border of an element to XYZ 29.7385, 25.7102, 9.5261 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(191, 123, 72) }
```


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

```
.border{ border-color:rgb(191, 123, 72) }
```

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

Here you see how a box with a 4 pixel rgb(191, 123, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 123, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 123, 72);  
box-shadow:4px 4px 4px 4px rgb(191, 123,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7385, 25.7102, 9.5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 123, 72) }
```

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

```
.background{ background-color: rgb(191,  
123, 72) }
```

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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