

Converting Colors

XYZ(32.6951, 25.2053, 11.1931)

Have a look what the booklet for
XYZ(32.6951, 25.2053, 11.1931)
contains.

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Color

**XYZ(32.7708, 25.3193,
11.1426)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7052
RGB	206, 112, 82
RGB Percent	81%, 44%, 32%
CMY	0.1922, 0.5608, 0.6784
CMYK	0.00, 0.46, 0.60, 0.19
HSL	15°, 56%, 56%
HSV	15°, 60%, 81%
XYZ	32.7708, 25.3193, 11.1426
YIQ	136.6860, 65.6540, 10.5980

Conversions

Conversions Part 2

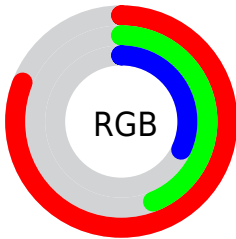
Format	Color
RYB	206, 122, 82
Decimal	13529170
CIELab	57.39, 34.29, 32.98
CIELCh	57, 47.575, 43.882
Yxy	25.3193, 0.4733, 0.3657
Android (android.graphics.Color)	4291719250 (0xFFCE7052)
YUV	136.6860, -26.9602, 60.7884
Hunter-Lab	50.3183, 28.1947, 22.0935

Details

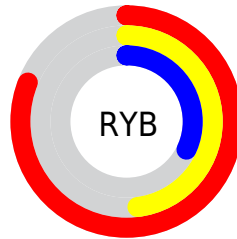
The XYZ color **32.7708, 25.3193, 11.1426** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **30.1448, 37.2990, 64.0030**, and the grayscale version is **23.7411, 24.9775, 27.2005**.

A 20% lighter version of the original color is **58.8600, 49.8362, 28.3469**, and **14.0737, 9.7757, 2.8142** is the 20% darker color. If you saturate the color by 10%, you get **30.5253, 21.9002, 7.0901**, and if you desaturate by 10%, it is **35.5516, 29.4328, 16.5346**.

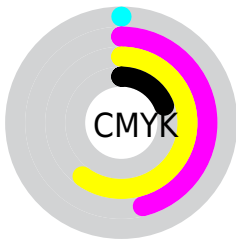
Distribution



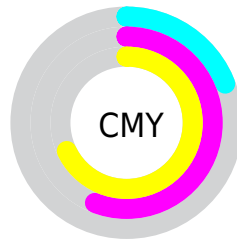
- Red (81%)
- Green (44%)
- Blue (32%)



- Red (81%)
- Yellow (48%)
- Blue (32%)



- Cyan (0%)
- Magenta (46%)
- Yellow (60%)
- Black (19%)





- Cyan (19%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7708, 25.3193, 11.1426 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 32.7708, 25.3193, 11.1426 by changing the saturation by 10% instead.


 32.7708, 25.3193,
11.1426


 32.7708, 25.3193,
11.1426


306.2990,
279.4244, 209.4157


 22.1093, 16.3151,
6.0475


 63.3746, 52.1747,
28.5642

 14.0543, 9.7474,
2.8047


 84.0476, 70.7948,
41.7278


 8.2404, 5.2318,
0.9958


 108.7885, 93.3889,
58.4179

 4.3023, 2.3839,
0.0000

 137.9627,
120.3415, 79.0531

 1.8745, 0.8176,
0.0000

 171.9355,
152.0369, 104.0520

 0.5620, 0.0000,
0.0000

211.0722,

 0.0000, 0.0000,

188.8596, 133.8330

0.0000

255.7383,
231.1940, 168.8147

■ 32.7708, 25.3193,
11.1426

■ 32.7708, 25.3193,
11.1426

■ 30.5253, 21.9002,
7.0901

■ 35.5516, 29.4328,
16.5346

■ 28.7761, 19.1320,
4.2559

■ 38.8993, 34.2729,
23.3702

■ 27.4811, 16.9720,
2.4988

■ 42.8451, 39.8747,
31.7444

■ 26.5876, 15.3899,
1.5692

■ 47.4172, 46.2696,
41.7441

■ 52.6420, 53.4873,
53.4492

■ 58.5443, 61.5559,
66.9348

■ 65.1478, 70.5022,
82.2710

■ 72.4748, 80.3518,
99.5246

■ 78.4849, 90.3046,
107.9017

Harmonies

Analogous

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



36.2206, 25.3193, 20.7604



32.7708, 25.3193, 11.1426



27.2074, 25.3193, 7.1855

Triad

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



32.7708, 25.3193, 11.1426



15.0683, 25.3193, 19.8048



26.7655, 25.3193, 70.1186

Complementary

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



32.7708, 25.3193, 11.1426



30.1448, 37.2990, 64.0030

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.



21.1748, 25.3193, 69.5347



32.7708, 25.3193, 11.1426



14.9882, 25.3193, 35.7225

Square

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



32.7708, 25.3193, 11.1426



17.2959, 25.3193, 10.6799



17.0565, 25.3193, 55.2308



32.4039, 25.3193, 56.6063

Rectangle

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



32.7708, 25.3193, 11.1426



23.3376, 25.3193, 6.7259



17.0565, 25.3193, 55.2308



24.8078, 25.3193, 71.6896

Sweetspot

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



32.7714, 25.3206, 11.1431



78.4085, 77.1633, 71.1480



36.4134, 22.3336, 44.0215



16.2793, 15.8171, 14.1125



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.



32.7714, 25.3206, 11.1431



48.6156, 34.1709, 10.0621



41.9074, 43.5927, 14.1884



11.4291, 11.6472, 11.7252



16.4359, 9.6048, 0.9876



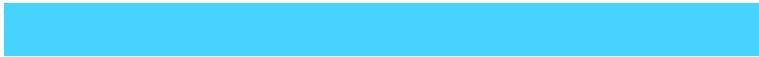
0.9090, 0.6178, 0.0713

Inverse Universe

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



30.1448, 37.2990, 64.0030



43.8664, 54.9517, 102.9025



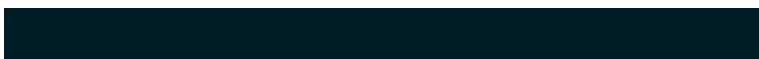
20.7588, 18.5270, 60.8744



11.3043, 12.2491, 14.3389



14.2753, 17.5745, 38.5961



0.7931, 1.0200, 2.0100

Previews

White Background



This preview shows how the XYZ color 32.7708, 25.3193, 11.1426 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 32.7708, 25.3193, 11.1426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

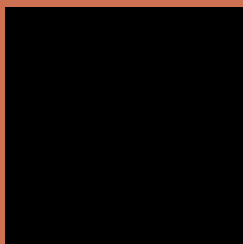
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7708, 25.3193, 11.1426

Background



This preview shows how black text looks on a background with the XYZ color 32.7708, 25.3193, 11.1426.



This preview shows how white text looks on a background with the XYZ color 32.7708, 25.3193,

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

32.7708, 25.3193, 11.1426

Protanopia

23.5979, 25.4337, 13.7907

Deuteranopia

25.9886, 25.4876, 10.7576



Tritanopia

34.4695, 25.3728, 19.3004

Trichromacy



Original Color

32.7708, 25.3193, 11.1426

Protanomaly

26.1893, 24.9511, 12.6682

Deuteranomaly

28.0363, 25.1768, 10.7791

Tritanomaly

33.6489, 25.1819, 15.9191

Monochromacy



Original Color

32.7708, 25.3193, 11.1426

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.8303, 24.4041, 20.1787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7708, 25.3193, 11.1426 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(206, 112, 82)` looks like.

```
.text, #text, p{  
    color:rgb(206, 112, 82)  
}
```

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(206, 112, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 112, 82) }
```

Border

The CSS property to change the border of an element to XYZ 32.7708, 25.3193, 11.1426 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(206, 112, 82) }
```


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

```
.border{ border-color:rgb(206, 112, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 112, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 112, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 112, 82);  
box-shadow:4px 4px 4px 4px rgb(206, 112,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7708, 25.3193, 11.1426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 112, 82) }
```

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

```
.background{ background-color: rgb(206,  
112, 82) }
```

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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