

Converting Colors

XYZ(32.9434, 26.6407, 9.5367)

Have a look what the booklet for
XYZ(32.9434, 26.6407, 9.5367)
contains.

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Color

**XYZ(32.9434, 26.6407,
9.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7748
RGB	205, 119, 72
RGB Percent	80%, 47%, 28%
CMY	0.1961, 0.5333, 0.7176
CMYK	0.00, 0.42, 0.65, 0.20
HSL	21°, 57%, 54%
HSV	21°, 65%, 80%
XYZ	32.9434, 26.6407, 9.5367
YIQ	139.3560, 66.3430, 3.6150

Conversions

Conversions Part 2

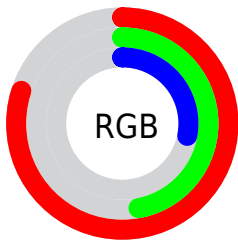
Format	Color
RYB	205, 145, 72
Decimal	13465416
CIELab	58.64, 29.50, 39.87
CIElCh	59, 49.595, 53.507
Yxy	26.6407, 0.4766, 0.3854
Android (android.graphics.Color)	4291655496 (0xFFCD7748)
YUV	139.3560, -33.2065, 57.5698
Hunter-Lab	51.6146, 23.6033, 25.1754

Details

The XYZ color **32.9434, 26.6407, 9.5367** 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 **25.9179, 30.2374, 62.2277**, and the grayscale version is **24.7849, 26.0756, 28.3963**.

A 20% lighter version of the original color is **59.5054, 52.1702, 25.3459**, and **14.1576, 10.4374, 2.1881** is the 20% darker color. If you saturate the color by 10%, you get **30.9138, 23.4794, 6.0929**, and if you desaturate by 10%, it is **35.4172, 30.3340, 14.2288**.

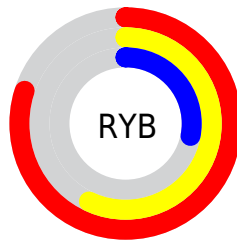
Distribution



Red (80%)

Green (47%)

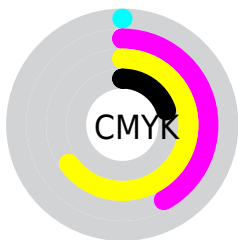
Blue (28%)



Red (80%)

Yellow (57%)

Blue (28%)

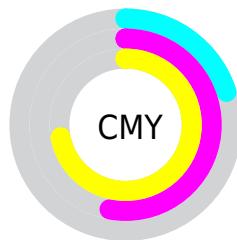


Cyan (0%)

Magenta (42%)

Yellow (65%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9434, 26.6407, 9.5367 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 32.9434, 26.6407, 9.5367 by changing the saturation by 10% instead.


 32.9434, 26.6407,
9.5367


 32.9434, 26.6407,
9.5367


307.0641,
285.9132, 197.6958


 22.2421, 17.3036,
4.9913


 63.6424, 54.3068,
25.5144


 14.1525, 10.4512,
2.1835


 84.3709, 73.4045,
37.7838


 8.3092, 5.6991,
0.6648


 109.1724, 96.5245,
53.4649

 4.3469, 2.6630,
0.0000

 138.4124,
124.0513, 72.9764

 1.9002, 0.9584,
0.0000

 172.4562,
156.3691, 96.7366

 0.5770, 0.0000,
0.0000

211.6692,

 0.0000, 0.0000,

193.8625, 125.1643

0.0000

256.4167,
236.9157, 158.6778

■ 32.9434, 26.6407,
9.5367

■ 32.9434, 26.6407,
9.5367

■ 30.9138, 23.4794,
6.0929

■ 35.4172, 30.3340,
14.2288

■ 29.2944, 20.8186,
3.7708

■ 38.3618, 34.5801,
20.2758

■ 28.0477, 18.6290,
2.4192

■ 41.8038, 39.4038,
27.7746

■ 27.5234, 17.6725,
1.9605

■ 45.7669, 44.8268,
36.8126

■ 50.2732, 50.8698,
47.4701

■ 55.3437, 57.5523,
59.8221

■ 60.9978, 64.8929,
73.9386

■ 67.2544, 72.9096,
89.8858

■ 73.8884, 81.5224,
106.4488

Harmonies

Analogous

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



37.6488, 26.6407, 17.5817



32.9434, 26.6407, 9.5367



26.6686, 26.6407, 6.8164

Triad

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



32.9434, 26.6407, 9.5367



15.3774, 26.6407, 25.3776



30.2848, 26.6407, 71.9089

Complementary

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



32.9434, 26.6407, 9.5367



25.9179, 30.2374, 62.2277

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.



24.0199, 26.6407, 76.7159



32.9434, 26.6407, 9.5367



16.0294, 26.6407, 44.5448

Square

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



32.9434, 26.6407, 9.5367



17.0257, 26.6407, 13.2842



18.9759, 26.6407, 65.1835



35.9499, 26.6407, 53.8728

Rectangle

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



32.9434, 26.6407, 9.5367



22.6835, 26.6407, 7.0913



18.9759, 26.6407, 65.1835



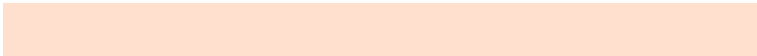
28.1558, 26.6407, 75.3615

Sweetspot

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



32.9440, 26.6421, 9.5372



79.0155, 78.8789, 69.8040



33.7046, 20.0981, 34.6542



16.4595, 16.2749, 13.8725



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.



32.9440, 26.6421, 9.5372



49.4679, 36.5697, 8.2056



43.7059, 48.1658, 13.1245



11.5313, 11.8516, 11.7592



17.2160, 11.1649, 1.2477



0.9592, 0.7181, 0.0881

Inverse Universe

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



25.9179, 30.2374, 62.2277



36.9735, 42.6378, 100.8889



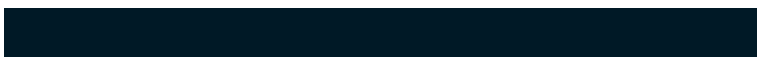
17.5149, 13.4313, 59.4267



11.1967, 12.0338, 14.3030



12.1354, 13.2948, 37.8828



0.6958, 0.8254, 1.9776

Previews

White Background



This preview shows how the XYZ color 32.9434, 26.6407, 9.5367 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 32.9434, 26.6407, 9.5367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

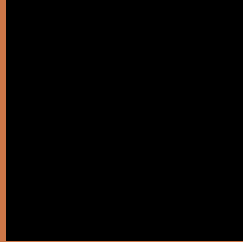
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9434, 26.6407, 9.5367

Background



This preview shows how black text looks on a background with the XYZ color 32.9434, 26.6407, 9.5367.



This preview shows how white text looks on a background with the XYZ color 32.9434, 26.6407,

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

32.9434, 26.6407, 9.5367

Protanopia

24.6385, 26.8938, 11.4818

Deuteranopia

27.1629, 26.7440, 9.1993



Tritanopia

35.3687, 26.6006, 21.3595

Trichromacy



Original Color

32.9434, 26.6407, 9.5367

Protanomaly

27.0982, 26.4703, 10.7022

Deuteranomaly

28.9320, 26.4445, 9.2096

Tritanomaly

34.3110, 26.5061, 16.1398

Monochromacy



Original Color

32.9434, 26.6407, 9.5367

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.4500, 25.5269, 19.7528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9434, 26.6407, 9.5367 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(205, 119, 72)` looks like.

```
.text, #text, p{  
    color:rgb(205, 119, 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(205, 119, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 119, 72) }
```

Border

The CSS property to change the border of an element to XYZ 32.9434, 26.6407, 9.5367 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(205, 119, 72) }
```


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

```
.border{ border-color:rgb(205, 119, 72) }
```

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

Here you see how a box with a 4 pixel rgb(205, 119, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 119, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 119, 72);  
box-shadow:4px 4px 4px 4px rgb(205, 119,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9434, 26.6407, 9.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 119, 72) }
```

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

```
.background{ background-color: rgb(205,  
119, 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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