

Converting Colors

XYZ(34.2256, 27.6361, 10.7384)

Have a look what the booklet for
XYZ(34.2256, 27.6361, 10.7384)
contains.

XYZ(34.2249, 27.6347, 10.7379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.2249, 27.6347,
10.7379)**

Conversions

Conversions Part 1

Format	Color
Hex	D0794E
RGB	208, 121, 78
RGB Percent	82%, 47%, 31%
CMY	0.1843, 0.5255, 0.6941
CMYK	0.00, 0.42, 0.62, 0.18
HSL	20°, 58%, 56%
HSV	20°, 62%, 82%
XYZ	34.2249, 27.6347, 10.7379
YIQ	142.1110, 65.6550, 5.0710

Conversions

Conversions Part 2

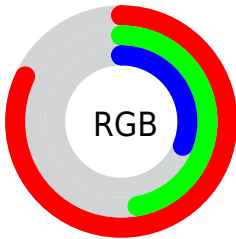
Format	Color
R_{YB}	208, 142, 78
Decimal	13662542
CIE _{Lab}	59.56, 30.04, 37.87
CIE _{LCh}	60, 48.336, 51.577
Yxy	27.6347, 0.4714, 0.3807
Android (android.graphics.Color)	4291852622 (0xFFD0794E)
YUV	142.1110, -31.6067, 57.7847
Hunter-Lab	52.5687, 24.2173, 24.6873

Details

The XYZ color **34.2249, 27.6347, 10.7379** 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 **27.9812, 33.0820, 64.5848**, and the grayscale version is **25.8588, 27.2055, 29.6268**.

A 20% lighter version of the original color is **60.2723, 53.0906, 27.4929**, and **14.8950, 10.9950, 2.6335** is the 20% darker color. If you saturate the color by 10%, you get **32.0226, 24.2408, 6.8885**, and if you desaturate by 10%, it is **36.9084, 31.6140, 15.9115**.

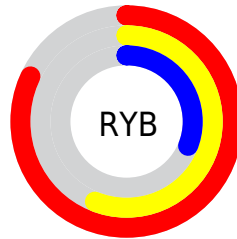
Distribution



Red (82%)

Green (47%)

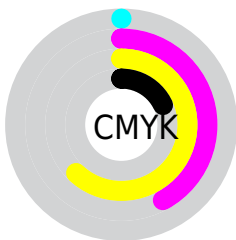
Blue (31%)



Red (82%)

Yellow (56%)

Blue (31%)

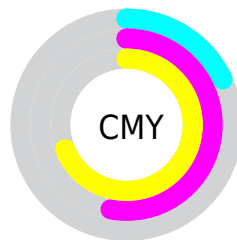


Cyan (0%)

Magenta (42%)

Yellow (62%)

Black (18%)



Cyan (18%)


Magenta (53%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2249, 27.6347, 10.7379 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 34.2249, 27.6347, 10.7379 by changing the saturation by 10% instead.


 34.2249, 27.6347,
10.7379


 34.2249, 27.6347,
10.7379


312.7020,
290.7172, 206.5329


 23.2301, 18.0505,
5.7789


 65.6252, 55.9007,
27.8037


 14.8852, 10.9862,
2.6445


 86.7615, 75.3512,
40.7476


 8.8246, 6.0576,
0.9153


 112.0090, 98.8594,
57.1902

 4.6832, 2.8801,
0.0000

 141.7330,
126.8094, 77.5500

 2.0954, 1.0695,
0.0000

 176.2990,
159.5859, 102.2457

 0.6867, 0.0000,
0.0000

216.0722,

 0.0000, 0.0000,

197.5731, 131.6957

0.0000

261.4181,
241.1554, 166.3186

■ 34.2249, 27.6347,
10.7379

■ 34.2249, 27.6347,
10.7379

■ 32.0226, 24.2408,
6.8885

■ 36.9084, 31.6140,
15.9115

■ 30.2660, 21.3979,
4.2364

■ 40.1011, 36.2019,
22.5168

■ 28.9168, 19.0740,
2.6323

■ 43.8307, 41.4256,
30.6521

■ 28.1286, 17.6425,
1.9228

■ 48.1225, 47.3091,
40.4065

■ 52.9999, 53.8753,
51.8621

■ 58.4848, 61.1457,
65.0954

■ 64.5983, 69.1411,
80.1784

■ 71.3600, 77.8812,
97.1789

■ 77.1026, 86.7105,
107.2808

Harmonies

Analogous

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



38.7114, 27.6347, 19.3764



34.2249, 27.6347, 10.7379



28.0165, 27.6347, 7.6303

Triad

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



34.2249, 27.6347, 10.7379



16.3125, 27.6347, 25.4452



30.8058, 27.6347, 73.2188

Complementary

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



34.2249, 27.6347, 10.7379



27.9812, 33.0820, 64.5848

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.



24.5899, 27.6347, 76.8705



34.2249, 27.6347, 10.7379



16.8225, 27.6347, 44.1640

Square

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



34.2249, 27.6347, 10.7379



18.1277, 27.6347, 13.7053



19.6477, 27.6347, 64.6968



36.5350, 27.6347, 56.0730

Rectangle

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



34.2249, 27.6347, 10.7379



23.9881, 27.6347, 7.7593



19.6477, 27.6347, 64.6968



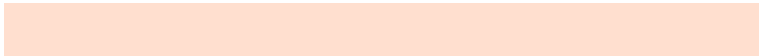
28.6836, 27.6347, 76.2738

Sweetspot

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



34.2256, 27.6361, 10.7384



78.7226, 78.2931, 69.7064



35.6964, 21.6426, 38.7745



16.3894, 16.1347, 13.8491



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.



34.2256, 27.6361, 10.7384



49.7500, 36.8107, 9.2963



44.5625, 48.3100, 14.1841



12.1237, 12.4380, 12.3738



17.6109, 11.1548, 1.2249



1.0569, 0.7680, 0.0925

Inverse Universe

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



27.9812, 33.0820, 64.5848



38.9390, 45.8834, 101.4118



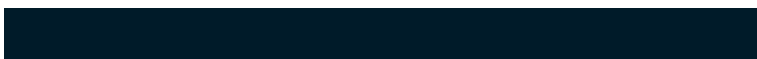
19.2622, 15.6440, 61.6784



11.8151, 12.7205, 15.0762



12.9592, 14.5650, 39.3208



0.7957, 0.9565, 2.2223

Previews

White Background



This preview shows how the XYZ color 34.2249, 27.6347, 10.7379 looks on a white background.

Color Contrast Check

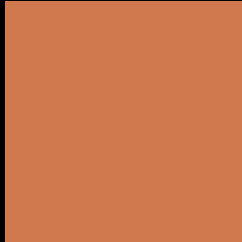
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2249, 27.6347, 10.7379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

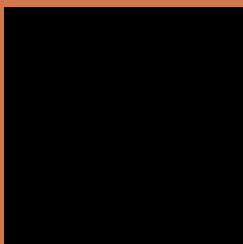
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2249, 27.6347, 10.7379

Background



This preview shows how black text looks on a background with the XYZ color 34.2249, 27.6347, 10.7379.



This preview shows how white text looks on a background with the XYZ color 34.2249, 27.6347,

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

34.2249, 27.6347, 10.7379

Protanopia

25.5576, 27.7865, 12.8204

Deuteranopia

28.3471, 27.7464, 10.5182



Tritanopia

36.6328, 27.5656, 22.4587

Trichromacy



Original Color

34.2249, 27.6347, 10.7379

Protanomaly

28.2700, 27.4630, 11.9945

Deuteranomaly

30.1598, 27.4458, 10.5454

Tritanomaly

35.5935, 27.4858, 17.3392

Monochromacy



Original Color

34.2249, 27.6347, 10.7379

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.5808, 26.4891, 21.1120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2249, 27.6347, 10.7379 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(208, 121, 78)` looks like.

```
.text, #text, p{  
    color:rgb(208, 121, 78)  
}
```

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(208, 121, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 121, 78) }
```

Border

The CSS property to change the border of an element to XYZ 34.2249, 27.6347, 10.7379 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(208, 121, 78) }
```


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

```
.border{ border-color:rgb(208, 121, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 121, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 121, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 121, 78);  
box-shadow:4px 4px 4px 4px rgb(208, 121,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2249, 27.6347, 10.7379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 121, 78) }
```

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

```
.background{ background-color: rgb(208,  
121, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor