

Converting Colors

XYZ(37.1062, 27.2324, 11.8462)

Have a look what the booklet for
XYZ(37.1062, 27.2324, 11.8462)
contains.

XYZ(37.0344, 27.1799, 11.8886)	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(37.0344, 27.1799,
11.8886)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6E55
RGB	221, 110, 85
RGB Percent	87%, 43%, 33%
CMY	0.1333, 0.5686, 0.6667
CMYK	0.00, 0.50, 0.62, 0.13
HSL	11°, 67%, 60%
HSV	11°, 62%, 87%
XYZ	37.0344, 27.1799, 11.8886
YIQ	140.3390, 74.1810, 15.7570

Conversions

Conversions Part 2

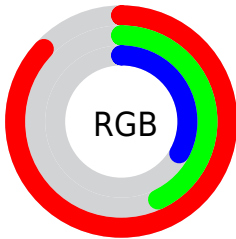
Format	Color
R_{YB}	221, 116, 85
Decimal	14511701
CIE _{Lab}	59.14, 41.31, 33.96
CIE _{LCh}	59, 53.481, 39.421
Yxy	27.1799, 0.4866, 0.3571
Android (android.graphics.Color)	4292701781 (0xFFDD6E55)
YUV	140.3390, -27.2821, 70.7397
Hunter-Lab	52.1343, 35.5650, 22.9737

Details

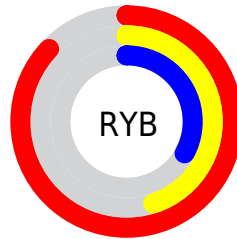
The XYZ color **37.0344, 27.1799, 11.8886** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **36.5358, 46.6285, 75.4808**, and the grayscale version is **25.1427, 26.4521, 28.8063**.

A 20% lighter version of the original color is **58.8886, 49.5602, 29.3840**, and **16.5772, 10.7497, 3.1206** is the 20% darker color. If you saturate the color by 10%, you get **34.5377, 23.3791, 7.3804**, and if you desaturate by 10%, it is **40.2026, 31.8854, 17.9733**.

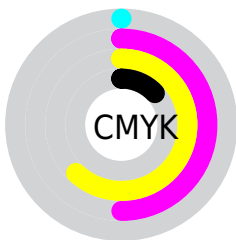
Distribution



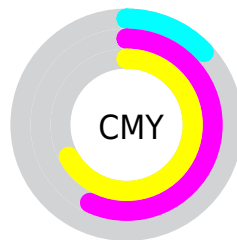
- Red (87%)
- Green (43%)
- Blue (33%)



- Red (87%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (62%)
- Black (13%)





- Cyan (13%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0344, 27.1799, 11.8886 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 37.0344, 27.1799, 11.8886 by changing the saturation by 10% instead.


 37.0344, 27.1799,
11.8886


 37.0344, 27.1799,
11.8886


324.8124,
288.5271, 214.6181

 25.4079, 17.7084,
6.5462


 69.9392, 55.1724,
29.9534

 16.5116, 10.7408,
3.1059


 91.9482, 74.4622,
43.5129


 9.9800, 5.8928,
1.1489


 118.1488, 97.7935,
60.6486

 5.4479, 2.7800,
0.0000

 148.9062,
125.5508, 81.7790

 2.5498, 1.0180,
0.0000

 184.5860,
158.1184, 107.3226

 0.9204, 0.0000,
0.0000

225.5533,

 0.0000, 0.0000,

195.8807, 137.6979

0.0000

272.1737,
239.2222, 173.3236

■ 37.0344, 27.1799,
11.8886

■ 37.0344, 27.1799,
11.8886

■ 34.5377, 23.3791,
7.3804

■ 40.2026, 31.8854,
17.9733

■ 32.6598, 20.4196,
4.2997

■ 44.0856, 37.5448,
25.7622

■ 31.3429, 18.2365,
2.4708

■ 48.7253, 44.2088,
35.3714

■ 30.5990, 16.9328,
1.6556

■ 54.1595, 51.9232,
46.9064

■ 60.4238, 60.7311,
60.4646

■ 67.5512, 70.6730,
76.1368

■ 75.5732, 81.7874,
94.0084

■ 83.4052, 93.6651,
108.2910

■ 83.6286, 94.1121,
108.3655

Harmonies

Analogous

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



40.6267, 27.1799, 23.9915



37.0344, 27.1799, 11.8886



30.5982, 27.1799, 6.8347

Triad

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



37.0344, 27.1799, 11.8886



15.6096, 27.1799, 18.4903



27.9855, 27.1799, 82.4741

Complementary

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



37.0344, 27.1799, 11.8886



36.5358, 46.6285, 75.4808

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.



21.5914, 27.1799, 78.8749



37.0344, 27.1799, 11.8886



15.1538, 27.1799, 36.0078

Square

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



37.0344, 27.1799, 11.8886



18.5296, 27.1799, 9.3506



17.1551, 27.1799, 59.5018



34.8420, 27.1799, 67.8959

Rectangle

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



37.0344, 27.1799, 11.8886



25.9633, 27.1799, 5.9922



17.1551, 27.1799, 59.5018



25.7045, 27.1799, 83.4531

Sweetspot

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



37.0350, 27.1814, 11.8891



77.7132, 75.7728, 70.9162



43.0385, 25.8577, 54.9868



16.1125, 15.4834, 14.0569



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.



37.0350, 27.1814, 11.8891



46.8856, 30.9636, 8.7062



47.3655, 47.8422, 15.3325



13.2488, 13.4369, 13.6209



17.8355, 9.9567, 0.9818



1.2138, 0.7617, 0.0831

Inverse Universe

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



36.5358, 46.6285, 75.4808



45.9899, 59.7345, 103.7137



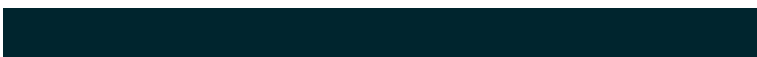
24.5254, 22.6076, 71.4773



13.2307, 14.4012, 16.7345



17.1828, 22.2351, 43.1246



1.1672, 1.5484, 2.8118

Previews

White Background



This preview shows how the XYZ color 37.0344, 27.1799, 11.8886 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 37.0344, 27.1799, 11.8886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

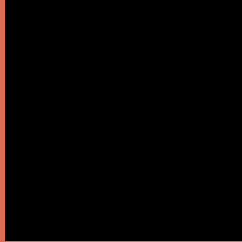
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0344, 27.1799, 11.8886

Background



This preview shows how black text looks on a background with the XYZ color 37.0344, 27.1799, 11.8886.



This preview shows how white text looks on a background with the XYZ color 37.0344, 27.1799,

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

37.0344, 27.1799, 11.8886

Protanopia

25.5446, 27.4953, 15.5161

Deuteranopia

27.7077, 27.1862, 11.3765



Tritanopia

38.6227, 27.2109, 19.1362

Trichromacy



Original Color

37.0344, 27.1799, 11.8886

Protanomaly

28.6825, 26.6066, 13.9798

Deuteranomaly

30.5982, 26.8643, 11.5553

Tritanomaly

37.8301, 27.0243, 16.0543

Monochromacy



Original Color

37.0344, 27.1799, 11.8886

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.6026, 25.4916, 21.2349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0344, 27.1799, 11.8886 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(221, 110, 85)` looks like.

```
.text, #text, p{  
    color:rgb(221, 110, 85)  
}
```

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(221, 110, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 110, 85) }
```

Border

The CSS property to change the border of an element to XYZ 37.0344, 27.1799, 11.8886 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(221, 110, 85) }
```


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

```
.border{ border-color:rgb(221, 110, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 110, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 110, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 110, 85);  
box-shadow:4px 4px 4px 4px rgb(221, 110,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0344, 27.1799, 11.8886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 110, 85) }
```

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

```
.background{ background-color: rgb(221,  
110, 85) }
```

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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