

Converting Colors

XYZ(36.8014, 26.6474, 11.7626)

Have a look what the booklet for
XYZ(36.8014, 26.6474, 11.7626)
contains.

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Color

**XYZ(36.7162, 26.5434,
11.7826)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6B55
RGB	221, 107, 85
RGB Percent	87%, 42%, 33%
CMY	0.1333, 0.5804, 0.6667
CMYK	0.00, 0.52, 0.62, 0.13
HSL	10°, 67%, 60%
HSV	10°, 62%, 87%
XYZ	36.7162, 26.5434, 11.7826
YIQ	138.5780, 75.0060, 17.3260

Conversions

Conversions Part 2

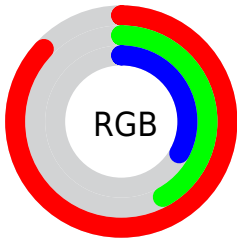
Format	Color
R_{YB}	221, 111, 85
Decimal	14510933
CIE Lab	58.55, 42.81, 33.23
CIE LCh	59, 54.194, 37.814
Yxy	26.5434, 0.4893, 0.3537
Android (android.graphics.Color)	4292701013 (0xFFDD6B55)
YUV	138.5780, -26.4140, 72.2841
Hunter-Lab	51.5203, 37.0484, 22.5047

Details

The XYZ color **36.7162, 26.5434, 11.7826** 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 **37.2195, 47.9958, 75.7088**, and the grayscale version is **24.4573, 25.7310, 28.0210**.

A 20% lighter version of the original color is **58.3580, 48.4990, 29.2071**, and **16.2296, 10.3524, 3.0623** is the 20% darker color. If you saturate the color by 10%, you get **34.2426, 22.7889, 7.2821**, and if you desaturate by 10%, it is **39.8789, 31.2378, 17.8655**.

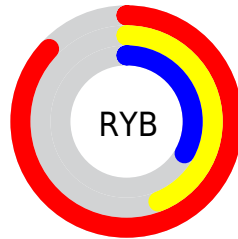
Distribution



Red (87%)

Green (42%)

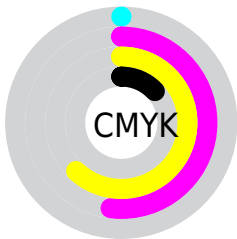
Blue (33%)



Red (87%)

Yellow (44%)

Blue (33%)

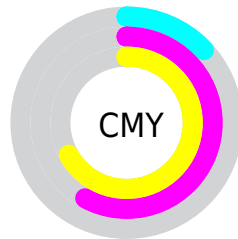


Cyan (0%)

Magenta (52%)

Yellow (62%)

Black (13%)



Cyan (13%)


Magenta (58%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7162, 26.5434, 11.7826 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 36.7162, 26.5434, 11.7826 by changing the saturation by 10% instead.


 36.7162, 26.5434,
11.7826


 36.7162, 26.5434,
11.7826


323.4571,
285.4395, 213.8873


 25.1605, 17.2306,
6.4751


 69.4528, 54.1503,
29.7570


 16.3260, 10.3990,
3.0626


 91.3643, 73.2132,
43.2609


 9.8475, 5.6643,
1.1267


 117.4585, 96.2949,
60.3341

 5.3594, 2.6421,
0.0000

 148.1008,
123.7798, 81.3950

 2.4966, 0.9479,
0.0000

 183.6564,
156.0523, 106.8623

 0.8935, 0.0000,
0.0000

224.4908,

 0.0000, 0.0000,

193.4969, 137.1544

0.0000

270.9692,
236.4978, 172.6899

■ 36.7162, 26.5434,
11.7826

■ 36.7162, 26.5434,
11.7826

■ 34.2426, 22.7889,
7.2821

■ 39.8789, 31.2378,
17.8655

■ 32.4030, 19.9060,
4.2141

■ 43.7761, 36.9256,
25.6592

■ 31.1366, 17.8239,
2.4021

■ 48.4516, 43.6614,
35.2803

■ 30.4423, 16.6193,
1.6034

■ 53.9452, 51.4944,
46.8351

■ 60.2937, 60.4709,
60.4215

■ 67.5319, 70.6343,
76.1307

■ 75.6926, 82.0259,
94.0485

■ 83.6287, 94.1121,
108.3655

Harmonies

Analogous

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



40.1057, 26.5434, 24.2104



36.7162, 26.5434, 11.7826



30.3623, 26.5434, 6.5465

Triad

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



36.7162, 26.5434, 11.7826



15.1588, 26.5434, 17.1780



27.0043, 26.5434, 82.3546

Complementary

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



36.7162, 26.5434, 11.7826



37.2195, 47.9958, 75.7088

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.



20.7090, 26.5434, 77.6879



36.7162, 26.5434, 11.7826



14.5778, 26.5434, 34.1619

Square

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



36.7162, 26.5434, 11.7826



18.1839, 26.5434, 8.5726



16.4284, 26.5434, 57.6078



33.8919, 26.5434, 68.4697

Rectangle

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



36.7162, 26.5434, 11.7826



25.7187, 26.5434, 5.6003



16.4284, 26.5434, 57.6078



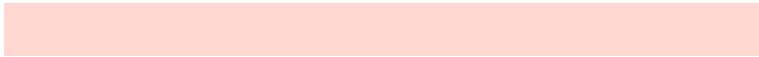
24.7450, 26.5434, 82.9851

Sweetspot

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



36.7168, 26.5448, 11.7831



77.4521, 75.2506, 70.8292



43.5629, 26.0675, 57.7474



16.0499, 15.3584, 14.0360



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.



36.7168, 26.5448, 11.7831



46.4915, 30.1755, 8.5748



46.4788, 46.0688, 15.0371



13.2254, 13.3901, 13.6131



17.7388, 9.7632, 0.9495



1.2028, 0.7398, 0.0794

Inverse Universe

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



37.2195, 47.9958, 75.7088



47.0983, 61.9512, 104.0832



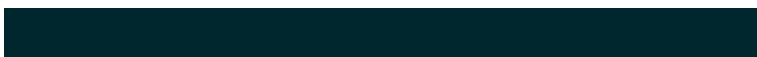
25.1305, 23.8177, 71.6791



13.2562, 14.4521, 16.7430



17.7594, 23.3882, 43.3168



1.1995, 1.6131, 2.8226

Previews

White Background



This preview shows how the XYZ color 36.7162, 26.5434, 11.7826 looks on a white background.

Color Contrast Check

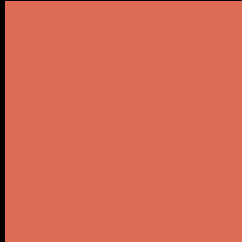
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7162, 26.5434, 11.7826 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 36.7162, 26.5434, 11.7826

Background



This preview shows how black text looks on a background with the XYZ color 36.7162, 26.5434, 11.7826.



This preview shows how white text looks on a background with the XYZ color 36.7162, 26.5434,

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

36.7162, 26.5434, 11.7826

Protanopia

24.8664, 26.7039, 15.3990

Deuteranopia

27.1252, 26.6778, 11.3091



Tritanopia

37.8437, 26.3778, 18.1358

Trichromacy



Original Color

36.7162, 26.5434, 11.7826

Protanomaly

28.1861, 25.9558, 13.8803

Deuteranomaly

30.0918, 26.2236, 11.4583

Tritanomaly

37.4728, 26.3895, 15.6890

Monochromacy



Original Color

36.7162, 26.5434, 11.7826

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.2813, 24.9457, 20.8299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7162, 26.5434, 11.7826 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, 107, 85)` looks like.

```
.text, #text, p{  
    color:rgb(221, 107, 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, 107, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 107, 85) }
```

Border

The CSS property to change the border of an element to XYZ 36.7162, 26.5434, 11.7826 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, 107, 85) }
```


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

```
.border{ border-color:rgb(221, 107, 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, 107, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 107, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 107, 85);  
box-shadow:4px 4px 4px 4px rgb(221, 107,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7162, 26.5434, 11.7826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 107, 85) }
```

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

```
.background{ background-color: rgb(221,  
107, 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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