

Converting Colors

XYZ(36.0783, 26.1224, 8.9349)

Have a look what the booklet for
XYZ(36.0783, 26.1224, 8.9349)
contains.

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Color

**XYZ(36.0783, 26.1224,
8.9349)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6A46
RGB	221, 106, 70
RGB Percent	87%, 42%, 27%
CMY	0.1333, 0.5843, 0.7255
CMYK	0.00, 0.52, 0.68, 0.13
HSL	14°, 69%, 57%
HSV	14°, 68%, 87%
XYZ	36.0783, 26.1224, 8.9349
YIQ	136.2810, 80.0960, 13.1840

Conversions

Conversions Part 2

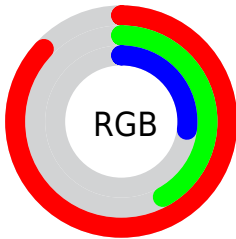
Format	Color
R_{YB}	221, 117, 70
Decimal	14510662
CIE _{Lab}	58.15, 42.40, 40.94
CIE _{LCh}	58, 58.939, 43.996
Yxy	26.1224, 0.5072, 0.3672
Android (android.graphics.Color)	4292700742 (0xFFDD6A46)
YUV	136.2810, -32.6765, 74.2986
Hunter-Lab	51.1101, 36.5595, 25.4122

Details

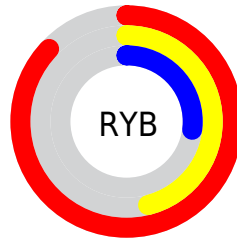
The XYZ color **36.0783, 26.1224, 8.9349** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **32.9244, 41.2176, 74.6267**, and the grayscale version is **23.6057, 24.8350, 27.0453**.

A 20% lighter version of the original color is **57.2010, 47.7577, 23.9726**, and **15.9812, 10.1779, 1.9864** is the 20% darker color. If you saturate the color by 10%, you get **33.9372, 22.7589, 5.3898**, and if you desaturate by 10%, it is **38.8176, 30.2721, 13.9456**.

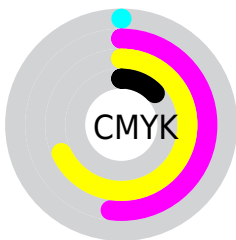
Distribution



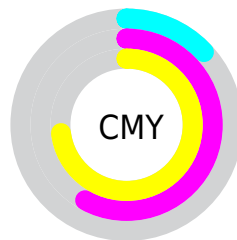
- Red (87%)
- Green (42%)
- Blue (27%)



- Red (87%)
- Yellow (46%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (68%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0783, 26.1224, 8.9349 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 36.0783, 26.1224, 8.9349 by changing the saturation by 10% instead.


 36.0783, 26.1224,
8.9349


 36.0783, 26.1224,
8.9349


320.7279,
283.3824, 193.0917


 24.6651, 16.9152,
4.6025


 68.4760, 53.4723,
24.3476

 15.9551, 10.1741,
1.9614


 90.1911, 72.3839,
36.2650


 9.5830, 5.5145,
0.5314


 116.0710, 95.2991,
51.5477

 5.1835, 2.5522,
0.0000

 146.4809,
122.6022, 70.6145

 2.3912, 0.9027,
0.0000

 181.7861,
154.6777, 93.8837

 0.8407, 0.0000,
0.0000

222.3522,

 0.0000, 0.0000,

191.9100, 121.7739

0.0000

268.5443,
234.6834, 154.7037

■ 36.0783, 26.1224,
8.9349

■ 36.0783, 26.1224,
8.9349

■ 33.9372, 22.7589,
5.3898

■ 38.8176, 30.2721,
13.9456

■ 32.3427, 20.1255,
3.1456

■ 42.1969, 35.2507,
20.5596

■ 31.2297, 18.1619,
1.9659

■ 46.2561, 41.1025,
28.9004

■ 31.0780, 17.8908,
1.8153

■ 51.0312, 47.8675,
39.0786

■ 56.5556, 55.5831,
51.1957

■ 62.8604, 64.2846,
65.3458

■ 69.9751, 74.0055,
81.6166

■ 77.9276, 84.7776,
100.0909

■ 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.



40.6829, 26.1224, 19.9506



36.0783, 26.1224, 8.9349



28.8113, 26.1224, 4.9116

Triad

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



36.0783, 26.1224, 8.9349



13.8277, 26.1224, 18.9175



28.3008, 26.1224, 86.2311

Complementary

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



36.0783, 26.1224, 8.9349



32.9244, 41.2176, 74.6267

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.



21.2309, 26.1224, 85.4856



36.0783, 26.1224, 8.9349



13.7435, 26.1224, 39.0565

Square

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



36.0783, 26.1224, 8.9349



16.4578, 26.1224, 8.4919



16.2004, 26.1224, 65.4495



35.6433, 26.1224, 67.1637

Rectangle

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



36.0783, 26.1224, 8.9349



23.8837, 26.1224, 4.4817



16.2004, 26.1224, 65.4495



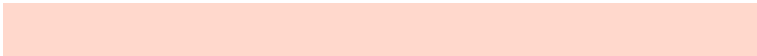
25.7980, 26.1224, 88.4965

Sweetspot

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



36.0789, 26.1238, 8.9354



76.7363, 74.8140, 67.5228



40.8469, 23.2877, 48.6664



15.9502, 15.3520, 13.4074



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.



36.0789, 26.1238, 8.9354



45.8923, 29.7786, 5.9035



47.3938, 48.7536, 12.7070



13.3069, 13.5531, 13.6402



18.1272, 10.5400, 1.0790



1.2413, 0.8166, 0.0922

Inverse Universe

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



32.9244, 41.2176, 74.6267



41.0368, 51.5278, 102.3907



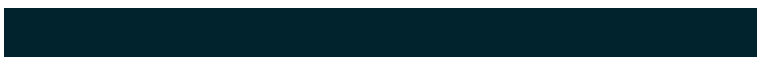
21.1817, 17.7322, 70.7124



13.1681, 14.2759, 16.7136



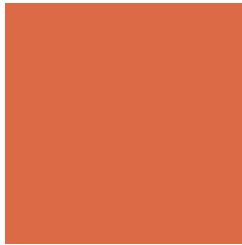
15.8399, 19.5493, 42.6769



1.0909, 1.3959, 2.7864

Previews

White Background



This preview shows how the XYZ color 36.0783, 26.1224, 8.9349 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 36.0783, 26.1224, 8.9349 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 36.0783, 26.1224, 8.9349

Background



This preview shows how black text looks on a background with the XYZ color 36.0783, 26.1224, 8.9349.



This preview shows how white text looks on a background with the XYZ color 36.0783, 26.1224,

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

36.0783, 26.1224, 8.9349

Protanopia

24.2275, 26.2354, 11.7697

Deuteranopia

26.5465, 26.0295, 8.4755



Tritanopia

37.7919, 26.0780, 17.2291

Trichromacy



Original Color

36.0783, 26.1224, 8.9349

Protanomaly

27.4544, 25.4534, 10.6737

Deuteranomaly

29.3015, 25.5064, 8.5331

Tritanomaly

36.9948, 26.0382, 13.6657

Monochromacy



Original Color

36.0783, 26.1224, 8.9349

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.1946, 24.0526, 18.5912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0783, 26.1224, 8.9349 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, 106, 70)` looks like.

```
.text, #text, p{  
    color:rgb(221, 106, 70)  
}
```

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, 106, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 106, 70) }
```

Border

The CSS property to change the border of an element to XYZ 36.0783, 26.1224, 8.9349 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, 106, 70) }
```


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

```
.border{ border-color:rgb(221, 106, 70) }
```

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

Here you see how a box with a 4 pixel rgb(221, 106, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 106, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 106, 70);  
box-shadow:4px 4px 4px 4px rgb(221, 106,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0783, 26.1224, 8.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 106, 70) }
```

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

```
.background{ background-color: rgb(221,  
106, 70) }
```

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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