

Converting Colors

XYZ(36.8405, 26.6996, 7.6267)

Have a look what the booklet for
XYZ(36.8405, 26.6996, 7.6267)
contains.

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Color

**XYZ(36.8405, 26.6996,
7.6267)**

Conversions

Conversions Part 1

Format	Color
Hex	E06B3D
RGB	224, 107, 61
RGB Percent	88%, 42%, 24%
CMY	0.1216, 0.5804, 0.7608
CMYK	0.00, 0.52, 0.73, 0.12
HSL	17°, 72%, 56%
HSV	17°, 73%, 88%
XYZ	36.8405, 26.6996, 7.6267
YIQ	136.7390, 84.4980, 10.4980

Conversions

Conversions Part 2

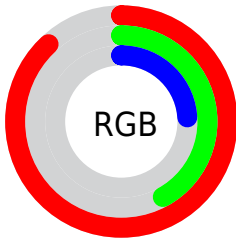
Format	Color
R_{YB}	224, 125, 61
Decimal	14707517
CIE _{Lab}	58.70, 42.59, 46.34
CIE _{LCh}	59, 62.943, 47.412
Yxy	26.6996, 0.5177, 0.3752
Android (android.graphics.Color)	4292897597 (0xFFE06B3D)
YUV	136.7390, -37.3393, 76.5279
Hunter-Lab	51.6717, 36.8403, 27.4190

Details

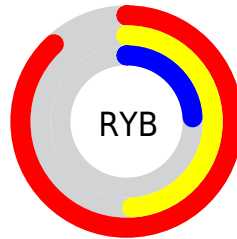
The XYZ color **36.8405, 26.6996, 7.6267** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **31.2981, 38.2122, 76.2467**, and the grayscale version is **23.7943, 25.0334, 27.2614**.

A 20% lighter version of the original color is **56.8541, 47.8974, 21.2875**, and **16.3328, 10.4403, 1.5022** is the 20% darker color. If you saturate the color by 10%, you get **34.8350, 23.4612, 4.5775**, and if you desaturate by 10%, it is **39.4107, 30.6650, 12.1069**.

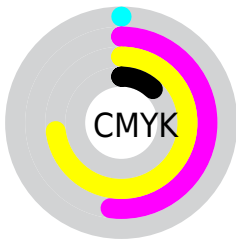
Distribution



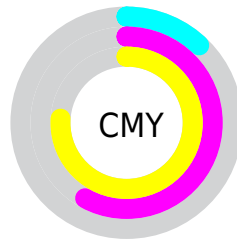
- Red (88%)
- Green (42%)
- Blue (24%)



- Red (88%)
- Yellow (49%)
- Blue (24%)



- Cyan (0%)
- Magenta (52%)
- Yellow (73%)
- Black (12%)





- Cyan (12%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8405, 26.6996, 7.6267 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 36.8405, 26.6996, 7.6267 by changing the saturation by 10% instead.


 36.8405, 26.6996,
7.6267


 36.8405, 26.6996,
7.6267


323.9870,
286.1997, 182.5979


 25.2571, 17.3477,
3.7727


 69.6428, 54.4014,
21.7573

 16.3985, 10.4827,
1.5015


 91.5925, 73.5202,
32.8709

 9.8992, 5.7202,
0.2190


 117.7283, 96.6634,
47.2415

 5.3939, 2.6757,
0.0000

 148.4156,
124.2155, 65.2876

 2.5173, 0.9649,
0.0000

 184.0198,
156.5607, 87.4278

 0.9040, 0.0000,
0.0000

 224.9062,

 0.0000, 0.0000,

194.0836, 114.0805

0.0000

271.4401,
237.1684, 145.6644

■ 36.8405, 26.6996,
7.6267

■ 36.8405, 26.6996,
7.6267

■ 34.8350, 23.4612,
4.5775

■ 39.4107, 30.6650,
12.1069

■ 33.3414, 20.8973,
2.7744


■ 42.5877, 35.3960,
18.1691


■ 32.5302, 19.4270,
2.0353


■ 46.4112, 40.9337,
25.9465

■ 50.9169, 47.3146,
35.5577

■ 56.1376, 54.5730,
47.1106

 62.1039, 62.7411,
60.7049

 68.8446, 71.8495,
76.4331

 76.3869, 81.9274,
94.3823

 83.5084, 92.5033,
108.0613

Harmonies

Analogous

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



42.3927, 26.6996, 18.0904



36.8405, 26.6996, 7.6267



28.7610, 26.6996, 4.1588

Triad

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



36.8405, 26.6996, 7.6267



13.4465, 26.6996, 20.7361



30.0967, 26.6996, 91.6600

Complementary

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



36.8405, 26.6996, 7.6267



31.2981, 38.2122, 76.2467

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.



22.2697, 26.6996, 93.6714



36.8405, 26.6996, 7.6267



13.6600, 26.6996, 43.7833

Square

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



36.8405, 26.6996, 7.6267



15.9208, 26.6996, 8.7144



16.5789, 26.6996, 73.1013



37.9880, 26.6996, 68.5093

Rectangle

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



36.8405, 26.6996, 7.6267



23.5051, 26.6996, 3.9786



16.5789, 26.6996, 73.1013



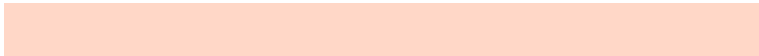
27.3461, 26.6996, 95.1370

Sweetspot

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



36.8411, 26.7011, 7.6272



75.7700, 73.8445, 64.2319



40.7018, 22.5019, 45.6635



15.7840, 15.2066, 12.7755



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.



36.8411, 26.7011, 7.6272



45.6782, 29.6939, 4.7739



49.1345, 51.2879, 11.7250



14.0207, 14.3273, 14.3333



19.0194, 11.4766, 1.2128



1.3930, 0.9448, 0.1089

Inverse Universe

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



31.2981, 38.2122, 76.2467



37.6159, 45.4136, 101.3909



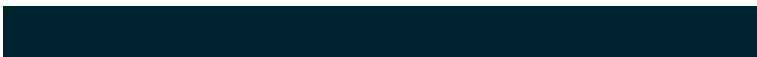
19.8441, 15.3041, 72.4287



13.7726, 14.8842, 17.5347



15.3293, 18.1282, 43.7395



1.1373, 1.4060, 3.0567

Previews

White Background



This preview shows how the XYZ color 36.8405, 26.6996, 7.6267 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 36.8405, 26.6996, 7.6267 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 36.8405, 26.6996, 7.6267

Background



This preview shows how black text looks on a background with the XYZ color 36.8405, 26.6996, 7.6267.



This preview shows how white text looks on a background with the XYZ color 36.8405, 26.6996,

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

36.8405, 26.6996, 7.6267

Protanopia

24.7473, 26.9820, 10.0346

Deuteranopia

27.4613, 26.9414, 7.2429



Tritanopia

38.7245, 26.5588, 17.2727

Trichromacy



Original Color

36.8405, 26.6996, 7.6267

Protanomaly

27.9497, 25.9416, 9.0030

Deuteranomaly

30.3203, 26.4320, 7.3747

Tritanomaly

37.7899, 26.4634, 13.0137

Monochromacy



Original Color

36.8405, 26.6996, 7.6267

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.5834, 24.4609, 17.7883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8405, 26.6996, 7.6267 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(224, 107, 61)` looks like.

```
.text, #text, p{  
    color:rgb(224, 107, 61)  
}
```

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(224, 107, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 107, 61) }
```

Border

The CSS property to change the border of an element to XYZ 36.8405, 26.6996, 7.6267 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(224, 107, 61) }
```


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

```
.border{ border-color:rgb(224, 107, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 107, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 107, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 107, 61);  
box-shadow:4px 4px 4px 4px rgb(224, 107,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8405, 26.6996, 7.6267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 107, 61) }
```

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

```
.background{ background-color: rgb(224,  
107, 61) }
```

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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