

Converting Colors

XYZ(36.7576, 28.7312, 7.7790)

Have a look what the booklet for
XYZ(36.7576, 28.7312, 7.7790)
contains.

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Color

**XYZ(36.5997, 28.5695,
7.7231)**

Conversions

Conversions Part 1

Format	Color
Hex	DB773B
RGB	219, 119, 59
RGB Percent	86%, 47%, 23%
CMY	0.1412, 0.5333, 0.7686
CMYK	0.00, 0.46, 0.73, 0.14
HSL	23°, 69%, 55%
HSV	23°, 73%, 86%
XYZ	36.5997, 28.5695, 7.7231
YIQ	142.0600, 78.8600, 2.5400

Conversions

Conversions Part 2

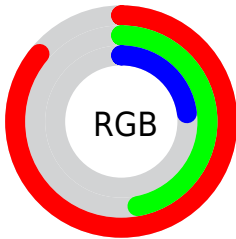
Format	Color
R_{YB}	219, 155, 59
Decimal	14382907
CIE _{Lab}	60.40, 34.45, 48.93
CIE _{LCh}	60, 59.846, 54.853
Yxy	28.5695, 0.5021, 0.3919
Android (android.graphics.Color)	4292572987 (0xFFDB773B)
YUV	142.0600, -40.9486, 67.4764
Hunter-Lab	53.4504, 28.6880, 28.8484

Details

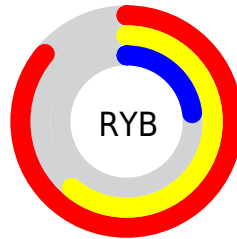
The XYZ color **36.5997, 28.5695, 7.7231** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **26.9870, 30.8387, 71.5476**, and the grayscale version is **25.8709, 27.2182, 29.6406**.

A 20% lighter version of the original color is **58.7528, 51.8692, 21.3831**, and **16.2615, 11.5385, 1.5424** is the 20% darker color. If you saturate the color by 10%, you get **34.6330, 25.3627, 4.8288**, and if you desaturate by 10%, it is **39.0404, 32.3438, 11.9506**.

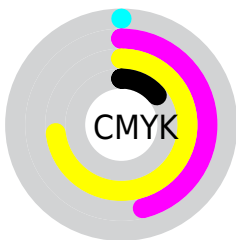
Distribution



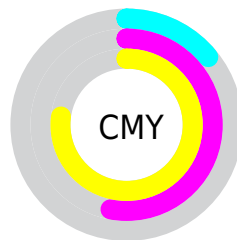
- Red (86%)
- Green (47%)
- Blue (23%)



- Red (86%)
- Yellow (61%)
- Blue (23%)



- Cyan (0%)
- Magenta (46%)
- Yellow (73%)
- Black (14%)





- Cyan (14%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5997, 28.5695, 7.7231 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 36.5997, 28.5695, 7.7231 by changing the saturation by 10% instead.


 36.5997, 28.5695,
7.7231


 36.5997, 28.5695,
7.7231


322.9599,
295.1783, 183.3965


 25.0700, 18.7554,
3.8331


 69.2745, 57.3924,
21.9509

 16.2582, 11.4937,
1.5342


 91.1503, 77.1700,
33.1258


 9.7990, 6.3999,
0.2432


 117.2055,
101.0375, 47.5660

 5.3272, 3.0897,
0.0000

 147.8055,
129.3794, 65.6902

 2.4772, 1.1788,
0.0000

 183.3155,
162.5800, 87.9167

 0.8838, 0.0443,
0.0000

 224.1010,

 0.0000, 0.0000,

201.0238, 114.6643

0.0000

270.5274,
245.0951, 146.3513

■ 36.5997, 28.5695,
7.7231

■ 36.5997, 28.5695,
7.7231

■ 34.6330, 25.3627,
4.8288

■ 39.0404, 32.3438,
11.9506

■ 33.0964, 22.6860,
3.0940

■ 41.9891, 36.7104,
17.6526


■ 32.2406, 21.1146,
2.3763


■ 45.4783, 41.6978,
24.9537


■ 49.5369, 47.3310,
33.9650

■ 54.1918, 53.6335,
44.7873

 59.4677, 60.6277,
57.5135

 65.3879, 68.3346,
72.2304

 71.9747, 76.7744,
89.0191

 79.0710, 85.8955,
107.0197

Harmonies

Analogous

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



42.9247, 28.5695, 16.4736



36.5997, 28.5695, 7.7231



28.5043, 28.5695, 5.1054

Triad

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



36.5997, 28.5695, 7.7231



14.9175, 28.5695, 27.4566



33.8640, 28.5695, 87.6191

Complementary

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



36.5997, 28.5695, 7.7231



26.9870, 30.8387, 71.5476

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.



25.8479, 28.5695, 95.3251



36.5997, 28.5695, 7.7231



15.8145, 28.5695, 52.5465

Square

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



36.5997, 28.5695, 7.7231



16.7589, 28.5695, 12.5266



19.4924, 28.5695, 80.2498



41.1476, 28.5695, 62.4556

Rectangle

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



36.5997, 28.5695, 7.7231



23.5335, 28.5695, 5.4880



19.4924, 28.5695, 80.2498



31.1290, 28.5695, 92.7210

Sweetspot

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



36.6004, 28.5710, 7.7236



77.1145, 76.5335, 64.6801



37.1517, 20.7379, 35.4556



16.0982, 15.8350, 12.8802



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.



36.6004, 28.5710, 7.7236



47.5853, 33.5632, 5.2392



50.1207, 55.6116, 12.2304



13.4541, 13.8476, 13.6893



19.2143, 12.7141, 1.4414



1.3260, 0.9861, 0.1204

Inverse Universe

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



26.9870, 30.8387, 71.5476



33.1361, 36.5712, 99.9202



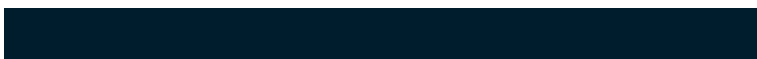
17.4831, 11.8308, 68.3796



13.0132, 13.9662, 16.6620



12.9831, 13.8357, 41.7247



0.9229, 1.0599, 2.7304

Previews

White Background



This preview shows how the XYZ color 36.5997, 28.5695, 7.7231 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 36.5997, 28.5695, 7.7231 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 36.5997, 28.5695, 7.7231

Background



This preview shows how black text looks on a background with the XYZ color 36.5997, 28.5695, 7.7231.



This preview shows how white text looks on a background with the XYZ color 36.5997, 28.5695,

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

36.5997, 28.5695, 7.7231

Protanopia

26.1923, 28.6444, 9.4586

Deuteranopia

29.1899, 28.6767, 7.4867



Tritanopia

39.3085, 28.4740, 21.1935

Trichromacy



Original Color

36.5997, 28.5695, 7.7231

Protanomaly

29.2580, 28.0458, 8.7218

Deuteranomaly

31.4708, 28.3902, 7.5625

Tritanomaly

38.1541, 28.5155, 15.0484

Monochromacy



Original Color

36.5997, 28.5695, 7.7231

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.0273, 26.7661, 19.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5997, 28.5695, 7.7231 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(219, 119, 59)` looks like.

```
.text, #text, p{  
    color:rgb(219, 119, 59)  
}
```

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(219, 119, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 119, 59) }
```

Border

The CSS property to change the border of an element to XYZ 36.5997, 28.5695, 7.7231 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(219, 119, 59) }
```


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

```
.border{ border-color:rgb(219, 119, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 119, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 119, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 119, 59);  
box-shadow:4px 4px 4px 4px rgb(219, 119,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5997, 28.5695, 7.7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 119, 59) }
```

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

```
.background{ background-color: rgb(219,  
119, 59) }
```

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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