

Converting Colors

XYZ(37.6423, 28.4774, 7.3577)

Have a look what the booklet for
XYZ(37.6423, 28.4774, 7.3577)
contains.

XYZ(37.6097, 28.4042, 7.3712)	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(37.6097, 28.4042,
7.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	E07339
RGB	224, 115, 57
RGB Percent	88%, 45%, 22%
CMY	0.1216, 0.5490, 0.7765
CMYK	0.00, 0.49, 0.75, 0.12
HSL	21°, 73%, 55%
HSV	21°, 75%, 88%
XYZ	37.6097, 28.4042, 7.3712
YIQ	140.9790, 83.5820, 5.0700

Conversions

Conversions Part 2

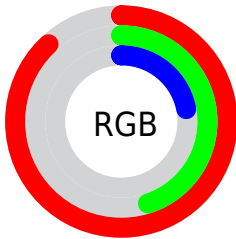
Format	Color
RYB	224, 146, 57
Decimal	14709561
CIELab	60.25, 38.40, 49.96
CIElCh	60, 63.012, 52.449
Yxy	28.4042, 0.5125, 0.3871
Android (android.graphics.Color)	4292899641 (0xFFE07339)
YUV	140.9790, -41.4016, 72.8094
Hunter-Lab	53.2956, 32.6968, 29.1066

Details

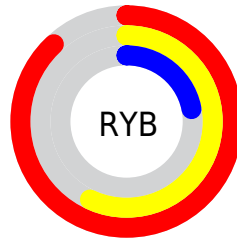
The XYZ color **37.6097, 28.4042, 7.3712** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **28.7769, 33.5218, 75.4740**, and the grayscale version is **25.4444, 26.7695, 29.1520**.

A 20% lighter version of the original color is **58.0818, 50.6975, 20.6343**, and **16.7556, 11.3569, 1.4239** is the 20% darker color. If you saturate the color by 10%, you get **35.6322, 25.1551, 4.5367**, and if you desaturate by 10%, it is **40.0992, 32.2837, 11.5919**.

Distribution



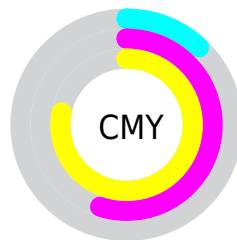
- Red (88%)
- Green (45%)
- Blue (22%)



- Red (88%)
- Yellow (57%)
- Blue (22%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (12%)





- Cyan (12%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6097, 28.4042, 7.3712 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 37.6097, 28.4042, 7.3712 by changing the saturation by 10% instead.


 37.6097, 28.4042,
7.3712


 37.6097, 28.4042,
7.3712

327.2526,
294.3933, 180.4597


 25.8557, 18.6306,
3.6134


 70.8173, 57.1291,
21.2416

 16.8479, 11.4036,
1.4157


 93.0016, 76.8492,
32.1913


 10.2207, 6.3390,
0.1539


 119.3934,
100.6536, 46.3753

 5.6089, 3.0523,
0.0000

 150.3581,
128.9266, 64.2122

 2.6472, 1.1591,
0.0000

 186.2610,
162.0527, 86.1206

 0.9700, 0.0279,
0.0000

 227.4675,

 0.0000, 0.0000,

200.4163, 112.5189

0.0000

274.3429,
244.4017, 143.8258

■ 37.6097, 28.4042,
7.3712

■ 37.6097, 28.4042,
7.3712

■ 35.6322, 25.1551,
4.5367

■ 40.0992, 32.2837,
11.5919

■ 34.1171, 22.4929,
2.8977


■ 43.1392, 36.8237,
17.3528


■ 33.4508, 21.2682,
2.3421


■ 46.7661, 42.0576,
24.7887


■ 51.0122, 48.0148,
34.0192

■ 55.9073, 54.7229,
45.1527

 61.4792, 62.2080,
58.2891

 67.7539, 70.4950,
73.5211

 74.7559, 79.6073,
90.9358

 81.9233, 89.3334,
107.5330

Harmonies

Analogous

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



44.0412, 28.4042, 16.8643



37.6097, 28.4042, 7.3712



29.0896, 28.4042, 4.4718

Triad

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



37.6097, 28.4042, 7.3712



14.3446, 28.4042, 25.4441



33.3714, 28.4042, 92.9216

Complementary

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



37.6097, 28.4042, 7.3712



28.7769, 33.5218, 75.4740

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.



25.0079, 28.4042, 99.2751



37.6097, 28.4042, 7.3712



15.0391, 28.4042, 51.2064

Square

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



37.6097, 28.4042, 7.3712



16.4632, 28.4042, 10.9707



18.5965, 28.4042, 81.2776



41.2738, 28.4042, 66.7182

Rectangle

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



37.6097, 28.4042, 7.3712



23.7864, 28.4042, 4.6560



18.5965, 28.4042, 81.2776



30.4849, 28.4042, 97.8459

Sweetspot

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



37.6103, 28.4057, 7.3717



76.7088, 75.7221, 64.5448



39.3024, 21.6132, 39.3091



16.0033, 15.6451, 12.8486



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.



37.6103, 28.4057, 7.3717



46.6954, 31.8344, 4.7853



51.2562, 55.6975, 11.9203



14.0946, 14.4752, 14.3579



19.5681, 12.5741, 1.3957



1.4381, 1.0350, 0.1240

Inverse Universe

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



28.7769, 33.5218, 75.4740



34.0890, 38.5850, 100.2587



18.3774, 12.7227, 72.0075



13.6949, 14.7290, 17.5089



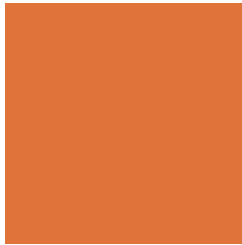
13.9434, 15.3564, 43.2775



1.0492, 1.2299, 3.0273

Previews

White Background



This preview shows how the XYZ color 37.6097, 28.4042, 7.3712 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 37.6097, 28.4042, 7.3712 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 37.6097, 28.4042, 7.3712

Background



This preview shows how black text looks on a background with the XYZ color 37.6097, 28.4042, 7.3712.



This preview shows how white text looks on a background with the XYZ color 37.6097, 28.4042,

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

37.6097, 28.4042, 7.3712

Protanopia

26.1625, 28.6325, 9.3020

Deuteranopia

28.9774, 28.3611, 7.0789



Tritanopia

40.1935, 28.3170, 19.8703

Trichromacy



Original Color

37.6097, 28.4042, 7.3712

Protanomaly

29.5688, 28.0011, 8.5489

Deuteranomaly

31.6512, 28.0926, 7.1224

Tritanomaly

39.1140, 28.3639, 14.2397

Monochromacy



Original Color

37.6097, 28.4042, 7.3712

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.8603, 26.2862, 18.3572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6097, 28.4042, 7.3712 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, 115, 57)` looks like.

```
.text, #text, p{  
    color:rgb(224, 115, 57)  
}
```

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, 115, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 115, 57) }
```

Border

The CSS property to change the border of an element to XYZ 37.6097, 28.4042, 7.3712 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, 115, 57) }
```


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

```
.border{ border-color:rgb(224, 115, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 115, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 115, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 115, 57);  
box-shadow:4px 4px 4px 4px rgb(224, 115,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6097, 28.4042, 7.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 115, 57) }
```

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

```
.background{ background-color: rgb(224,  
115, 57) }
```

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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