

Converting Colors

XYZ(37.3475, 26.0778, 9.4281)

Have a look what the booklet for
XYZ(37.3475, 26.0778, 9.4281)
contains.

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Color

**XYZ(37.2203, 25.9572,
9.3518)**

Conversions

Conversions Part 1

Format	Color
Hex	E26549
RGB	226, 101, 73
RGB Percent	89%, 40%, 29%
CMY	0.1137, 0.6039, 0.7137
CMYK	0.00, 0.55, 0.68, 0.11
HSL	11°, 73%, 59%
HSV	11°, 68%, 89%
XYZ	37.2203, 25.9572, 9.3518
YIQ	135.1830, 83.4880, 17.7920

Conversions

Conversions Part 2

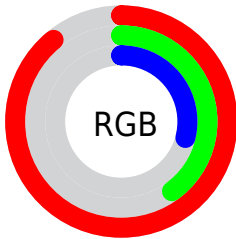
Format	Color
R_{YB}	226, 107, 73
Decimal	14837065
CIE _{Lab}	58.00, 46.86, 39.34
CIE _{LCh}	58, 61.180, 40.015
Yxy	25.9572, 0.5132, 0.3579
Android (android.graphics.Color)	4293027145 (0xFFE26549)
YUV	135.1830, -30.6562, 79.6465
Hunter-Lab	50.9482, 41.2441, 24.7808

Details

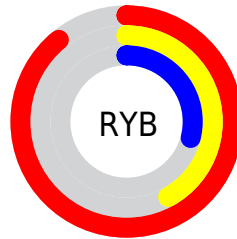
The XYZ color **37.2203, 25.9572, 9.3518** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **36.6673, 47.2919, 79.1467**, and the grayscale version is **23.1866, 24.3942, 26.5652**.

A 20% lighter version of the original color is **56.5365, 46.1328, 24.6636**, and **16.5646, 10.0855, 2.1106** is the 20% darker color. If you saturate the color by 10%, you get **35.0068, 22.5196, 5.5648**, and if you desaturate by 10%, it is **40.1098, 30.3119, 14.7070**.

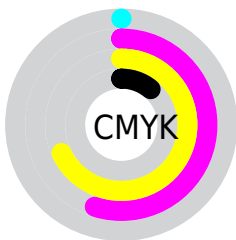
Distribution



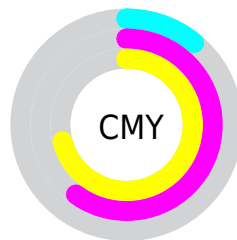
- Red (89%)
- Green (40%)
- Blue (29%)



- Red (89%)
- Yellow (42%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (68%)
- Black (11%)





- Cyan (11%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2203, 25.9572, 9.3518 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 37.2203, 25.9572, 9.3518 by changing the saturation by 10% instead.


 37.2203, 25.9572,
9.3518


 37.2203, 25.9572,
9.3518

325.6023,
282.5719, 196.2947


 25.5526, 16.7916,
4.8714


 70.2231, 53.2059,
25.1574

 16.6201, 10.0860,
2.1146


 92.2889, 72.0578,
37.3197


 10.0576, 5.4560,
0.6244


 118.5514, 94.9073,
52.8798

 5.4998, 2.5172,
0.0000

 149.3760,
122.1387, 72.2561

 2.5811, 0.8853,
0.0000

 185.1280,
154.1365, 95.8672

 0.9363, 0.0000,
0.0000

226.1729,

 0.0000, 0.0000,

191.2850, 124.1316

0.0000

272.8758,
233.9687, 157.4680

■ 37.2203, 25.9572,
9.3518

■ 37.2203, 25.9572,
9.3518

■ 35.0068, 22.5196,
5.5648

■ 40.1098, 30.3119,
14.7070

■ 33.4091, 19.9276,
3.1717

■ 43.7248, 35.6394,
21.7767


■ 32.3545, 18.1044,
1.9386


■ 48.1119, 41.9961,
30.6919

■ 32.1696, 17.7803,
1.7364


■ 53.3133, 49.4327,
41.5704

■ 59.3681, 57.9965,
54.5201

 66.3129, 67.7321,
69.6411

 74.1819, 78.6814,
87.0270

 83.0077, 90.8845,
106.7658

 85.1738, 94.9086,
108.4378

Harmonies

Analogous

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



41.4595, 25.9572, 21.7651



37.2203, 25.9572, 9.3518



29.8487, 25.9572, 4.6853

Triad

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



37.2203, 25.9572, 9.3518



13.5899, 25.9572, 16.5199



27.2239, 25.9572, 90.1874

Complementary

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



37.2203, 25.9572, 9.3518



36.6673, 47.2919, 79.1467

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.



20.1305, 25.9572, 86.2815



37.2203, 25.9572, 9.3518



13.1653, 25.9572, 35.9403

Square

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



37.2203, 25.9572, 9.3518



16.6225, 25.9572, 7.1595



15.3175, 25.9572, 63.2966



34.9724, 25.9572, 72.2398

Rectangle

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



37.2203, 25.9572, 9.3518



24.6677, 25.9572, 3.9846



15.3175, 25.9572, 63.2966



24.6754, 25.9572, 91.5371

Sweetspot

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



37.2209, 25.9586, 9.3522



76.0179, 73.3773, 67.2834



44.2302, 25.1274, 57.4690



15.7809, 15.0133, 13.3510



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.



37.2209, 25.9586, 9.3522



45.1314, 28.1743, 5.9047



47.8964, 47.3095, 12.9107



13.9092, 14.1043, 14.2961



18.4153, 10.2686, 1.0114



1.3365, 0.8319, 0.0901

Inverse Universe

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



36.6673, 47.2919, 79.1467



44.1520, 57.5830, 103.3953



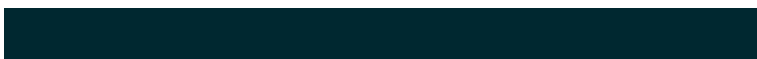
23.6828, 21.3228, 74.8185



13.8921, 15.1233, 17.5746



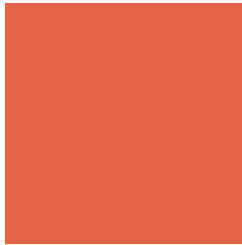
17.7656, 23.0008, 44.5516



1.2876, 1.7066, 3.1068

Previews

White Background



This preview shows how the XYZ color 37.2203, 25.9572, 9.3518 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 37.2203, 25.9572, 9.3518 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 37.2203, 25.9572, 9.3518

Background



This preview shows how black text looks on a background with the XYZ color 37.2203, 25.9572, 9.3518.



This preview shows how white text looks on a background with the XYZ color 37.2203, 25.9572,

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

37.2203, 25.9572, 9.3518

Protanopia

24.2353, 26.2166, 12.7998

Deuteranopia

26.6045, 26.0526, 8.7807



Tritanopia

38.7178, 26.0226, 15.8142

Trichromacy



Original Color

37.2203, 25.9572, 9.3518

Protanomaly

27.8062, 25.2342, 11.3878

Deuteranomaly

29.6498, 25.3109, 8.9530

Tritanomaly

37.9780, 25.8390, 13.1110

Monochromacy



Original Color

37.2203, 25.9572, 9.3518

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.1560, 23.6606, 18.5176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2203, 25.9572, 9.3518 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(226, 101, 73)` looks like.

```
.text, #text, p{  
    color:rgb(226, 101, 73)  
}
```

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(226, 101, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 101, 73) }
```

Border

The CSS property to change the border of an element to XYZ 37.2203, 25.9572, 9.3518 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(226, 101, 73) }
```


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

```
.border{ border-color:rgb(226, 101, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 101, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 101, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 101, 73);  
box-shadow:4px 4px 4px 4px rgb(226, 101,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2203, 25.9572, 9.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 101, 73) }
```

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

```
.background{ background-color: rgb(226,  
101, 73) }
```

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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