

Converting Colors

XYZ(37.4391, 26.0822, 8.8570)

Have a look what the booklet for
XYZ(37.4391, 26.0822, 8.8570)
contains.

XYZ(37.4377, 26.0805, 8.8552)	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(37.4377, 26.0805,
8.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	E36546
RGB	227, 101, 70
RGB Percent	89%, 40%, 27%
CMY	0.1098, 0.6039, 0.7255
CMYK	0.00, 0.56, 0.69, 0.11
HSL	12°, 74%, 58%
HSV	12°, 69%, 89%
XYZ	37.4377, 26.0805, 8.8552
YIQ	135.1400, 85.0470, 17.0710

Conversions

Conversions Part 2

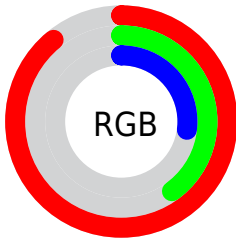
Format	Color
R_{YB}	227, 109, 70
Decimal	14902598
CIE _{Lab}	58.11, 47.06, 41.13
CIE _{LCh}	58, 62.502, 41.152
Yxy	26.0805, 0.5173, 0.3604
Android (android.graphics.Color)	4293092678 (0xFFE36546)
YUV	135.1400, -32.1140, 80.5612
Hunter-Lab	51.0691, 41.4839, 25.4677

Details

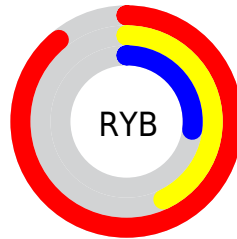
The XYZ color **37.4377, 26.0805, 8.8552** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **36.1290, 46.3244, 79.7097**, and the grayscale version is **23.1755, 24.3824, 26.5525**.

A 20% lighter version of the original color is **56.2911, 46.0346, 23.3715**, and **16.6984, 10.0983, 1.9332** is the 20% darker color. If you saturate the color by 10%, you get **35.2748, 22.6931, 5.2423**, and if you desaturate by 10%, it is **40.2645, 30.3631, 14.0251**.

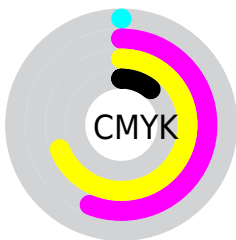
Distribution



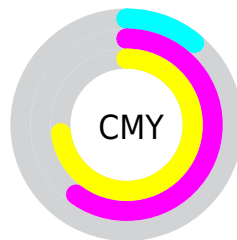
- Red (89%)
- Green (40%)
- Blue (27%)



- Red (89%)
- Yellow (43%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (69%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4377, 26.0805, 8.8552 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 37.4377, 26.0805, 8.8552 by changing the saturation by 10% instead.


 37.4377, 26.0805,
8.8552


 37.4377, 26.0805,
8.8552

326.5244,
283.1770, 192.4721


 25.7218, 16.8839,
4.5513


 70.5549, 53.4048,
24.1920

 16.7472, 10.1517,
1.9324


 92.6870, 72.3012,
36.0619


 10.1486, 5.4997,
0.5132


 119.0217, 95.1997,
51.2910

 5.5606, 2.5433,
0.0000

 149.9246,
122.4847, 70.2978

 2.6179, 0.8983,
0.0000

 185.7610,
154.5405, 93.5007

 0.9551, 0.0000,
0.0000

226.8962,

 0.0000, 0.0000,

191.7516, 121.3184

0.0000

273.6955,
234.5023, 154.1693

■ 37.4377, 26.0805,
8.8552

■ 37.4377, 26.0805,
8.8552

■ 35.2748, 22.6931,
5.2423

■ 40.2645, 30.3631,
14.0251

■ 33.7155, 20.1312,
3.0060

■ 43.8045, 35.5950,
20.9027


■ 32.6798, 18.3170,
1.8677


■ 48.1043, 41.8311,
29.6219


■ 32.6103, 18.1948,
1.7932


■ 53.2057, 49.1208,
40.3032

■ 59.1475, 57.5101,
53.0566

 65.9661, 67.0423,
67.9841

 73.6953, 77.7585,
85.1807

 82.3675, 89.6974,
104.7359

 85.4883, 95.0708,
108.4525

Harmonies

Analogous

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



41.9796, 26.0805, 21.0762



37.4377, 26.0805, 8.8552



29.7926, 26.0805, 4.3997

Triad

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



37.4377, 26.0805, 8.8552



13.4112, 26.0805, 16.9505



27.7107, 26.0805, 92.0390

Complementary

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



37.4377, 26.0805, 8.8552



36.1290, 46.3244, 79.7097

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.



20.3790, 26.0805, 88.9049



37.4377, 26.0805, 8.8552



13.0784, 26.0805, 37.2432

Square

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



37.4377, 26.0805, 8.8552



16.3938, 26.0805, 7.1582



15.3678, 26.0805, 65.5920



35.6492, 26.0805, 72.7482

Rectangle

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



37.4377, 26.0805, 8.8552



24.4974, 26.0805, 3.7883



15.3678, 26.0805, 65.5920



25.0824, 26.0805, 93.7543

Sweetspot

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



37.4383, 26.0819, 8.8556



75.3857, 72.5983, 65.5759



44.0865, 24.7984, 56.0199



15.6647, 14.8752, 13.0216



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.



37.4383, 26.0819, 8.8556



44.9429, 27.9578, 5.3470



48.5619, 48.3292, 12.5635



14.6063, 14.8265, 14.9964



19.0836, 10.7413, 1.0675



1.4746, 0.9225, 0.1003

Inverse Universe

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



36.1290, 46.3244, 79.7097



42.9053, 55.4299, 103.0454



23.0734, 20.2131, 75.3579



14.5529, 15.8273, 18.4323



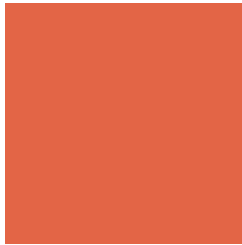
17.9456, 22.9534, 45.8678



1.3880, 1.8199, 3.4101

Previews

White Background



This preview shows how the XYZ color 37.4377, 26.0805, 8.8552 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 37.4377, 26.0805, 8.8552 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 37.4377, 26.0805, 8.8552

Background



This preview shows how black text looks on a background with the XYZ color 37.4377, 26.0805, 8.8552.



This preview shows how white text looks on a background with the XYZ color 37.4377, 26.0805,

8.8552.

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

37.4377, 26.0805, 8.8552

Protanopia

24.0763, 26.1530, 11.9627

Deuteranopia

26.5183, 26.0182, 8.3270



Tritanopia

39.0360, 26.1867, 15.8291

Trichromacy



Original Color

37.4377, 26.0805, 8.8552

Protanomaly

27.6584, 25.1751, 10.6092

Deuteranomaly

29.8131, 25.4055, 8.4867

Tritanomaly

38.2509, 25.9847, 12.8970

Monochromacy



Original Color

37.4377, 26.0805, 8.8552

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.1007, 23.6384, 18.2259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4377, 26.0805, 8.8552 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(227, 101, 70)` looks like.

```
.text, #text, p{  
    color:rgb(227, 101, 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(227, 101, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 101, 70) }
```

Border

The CSS property to change the border of an element to XYZ 37.4377, 26.0805, 8.8552 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(227, 101, 70) }
```


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

```
.border{ border-color:rgb(227, 101, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 101, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 101, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 101, 70);  
box-shadow:4px 4px 4px 4px rgb(227, 101,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4377, 26.0805, 8.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 101, 70) }
```

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

```
.background{ background-color: rgb(227,  
101, 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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