

Converting Colors

XYZ(30.4112, 26.0920, 7.7190)

Have a look what the booklet for
XYZ(30.4112, 26.0920, 7.7190)
contains.

| | |
|--|----|
| XYZ(30.4042, 26.0943, 7.7092) | 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(30.4042, 26.0943,
7.7092)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C37B3C |
| RGB | 195, 123, 60 |
| RGB Percent | 76%, 48%, 24% |
| CMY | 0.2353, 0.5176, 0.7647 |
| CMYK | 0.00, 0.37, 0.69, 0.24 |
| HSL | 28°, 53%, 50% |
| HSV | 28°, 69%, 76% |
| XYZ | 30.4042, 26.0943, 7.7092 |
| YIQ | 137.3460, 63.1350, -4.3290 |

Conversions

Conversions Part 2

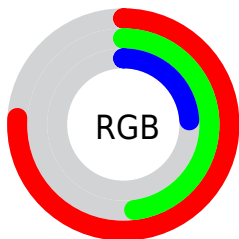
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 195, 178, 60 |
| Decimal | 12811068 |
| CIELab | 58.13, 22.44, 45.06 |
| CIELCh | 58, 50.344, 63.525 |
| Yxy | 26.0943, 0.4735, 0.4064 |
| Android (android.graphics.Color) | 4291001148 (0xFFC37B3C) |
| YUV | 137.3460, -38.1316, 50.5626 |
| Hunter-Lab | 51.0826, 16.8482, 26.8100 |

Details

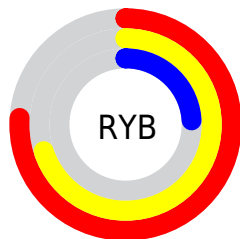
The XYZ color **30.4042, 26.0943, 7.7092** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **19.9644, 21.4020, 54.7080**, and the grayscale version is **24.0328, 25.2844, 27.5347**.

A 20% lighter version of the original color is **59.5798, 53.4365, 21.9259**, and **12.8091, 10.2335, 1.5299** is the 20% darker color. If you saturate the color by 10%, you get **28.7584, 23.4813, 5.0692**, and if you desaturate by 10%, it is **32.3782, 29.0600, 11.3959**.

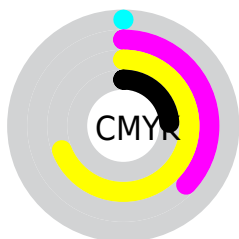
Distribution



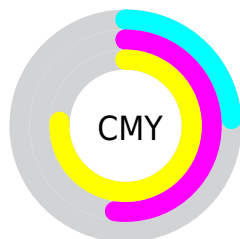
- Red (76%)
- Green (48%)
- Blue (24%)



- Red (76%)
- Yellow (70%)
- Blue (24%)



- Cyan (0%)
- Magenta (37%)
- Yellow (69%)
- Black (24%)





- Cyan (24%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4042, 26.0943, 7.7092 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 30.4042, 26.0943, 7.7092 by changing the saturation by 10% instead.


 30.4042, 26.0943,
7.7092


 30.4042, 26.0943,
7.7092


295.6601,
283.2447, 183.2816

 20.2952, 16.8942,
3.8243


 59.6831, 53.4270,
21.9230


 12.7193, 10.1591,
1.5295


 79.5836, 72.3285,
33.0891

 7.3112, 5.5046,
0.2397


 103.4787, 95.2325,
47.5193

 3.7055, 2.5462,
0.0000

 131.7338,
122.5234, 65.6322

 1.5369, 0.8997,
0.0000

 164.7141,
154.5857, 87.8464

 0.3508, 0.0000,
0.0000

 202.7850,

 0.0000, 0.0000,

191.8038, 114.5803

0.0000

246.3119,
234.5620, 146.2525

■ 30.4042, 26.0943,
7.7092

■ 30.4042, 26.0943,
7.7092

■ 28.7584, 23.4813,
5.0692

■ 32.3782, 29.0600,
11.3959

■ 27.4126, 21.1997,
3.3567

■ 34.7013, 32.3902,
16.2278

■ 26.3242, 19.2264,
2.3668

■ 37.3946, 36.1004,
22.2934

■ 26.2472, 19.0854,
2.3005

■ 40.4766, 40.2042,
29.6722

■ 43.9645, 44.7141,
38.4367

■ 47.8744, 49.6423,
48.6544

■ 52.2213, 55.0002,
60.3879

■ 57.0196, 60.7986,
73.6966

■ 62.2829, 67.0482,
88.6363

Harmonies

Analogous

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



35.9154, 26.0943, 13.6100



30.4042, 26.0943, 7.7092



24.0880, 26.0943, 6.3489

Triad

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



30.4042, 26.0943, 7.7092



14.8440, 26.0943, 30.5270



31.8568, 26.0943, 66.6010

Complementary

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



30.4042, 26.0943, 7.7092



19.9644, 21.4020, 54.7080

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.



25.5297, 26.0943, 76.8282



30.4042, 26.0943, 7.7092



16.2559, 26.0943, 51.2835

Square

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



30.4042, 26.0943, 7.7092



15.7180, 26.0943, 15.9184



19.9338, 26.0943, 70.3106



36.8460, 26.0943, 46.1634

Rectangle

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



30.4042, 26.0943, 7.7092



20.4104, 26.0943, 7.4070



19.9338, 26.0943, 70.3106



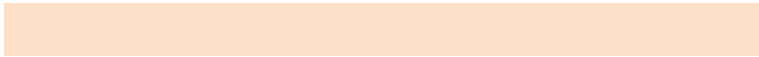
29.7819, 26.0943, 71.6557

Sweetspot

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



30.4048, 26.0956, 7.7097



77.3709, 78.3302, 65.3397



28.2863, 16.4999, 23.5239



16.5513, 16.6485, 13.3172



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.



30.4048, 26.0956, 7.7097



50.2243, 39.9168, 7.3351



41.8429, 48.9718, 11.5224



10.4520, 10.8355, 10.6024



17.1420, 12.5697, 1.5227



0.8096, 0.6809, 0.0888

Inverse Universe

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



19.9644, 21.4020, 54.7080



30.2996, 30.8981, 96.8368



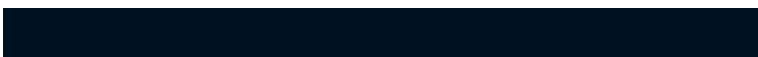
13.5756, 8.6245, 52.5784



9.9631, 10.6174, 12.8091



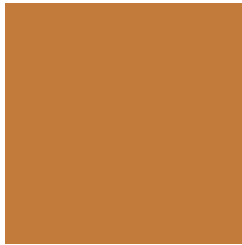
9.7040, 9.1645, 34.8141



0.4878, 0.5329, 1.5270

Previews

White Background



This preview shows how the XYZ color 30.4042, 26.0943, 7.7092 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 30.4042, 26.0943, 7.7092 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 30.4042, 26.0943, 7.7092

Background



This preview shows how black text looks on a background with the XYZ color 30.4042, 26.0943, 7.7092.



This preview shows how white text looks on a background with the XYZ color 30.4042, 26.0943,

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

30.4042, 26.0943, 7.7092

Protanopia

23.8498, 26.1064, 8.7830

Deuteranopia

26.5816, 26.0691, 7.5017



Tritanopia

33.4367, 26.0881, 22.3420

Trichromacy



Original Color

30.4042, 26.0943, 7.7092

Protanomaly

25.9999, 25.9551, 8.3421

Deuteranomaly

27.9054, 25.9511, 7.5413

Tritanomaly

32.2345, 26.1390, 15.6583

Monochromacy



Original Color

30.4042, 26.0943, 7.7092

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.1121, 24.8758, 17.9459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4042, 26.0943, 7.7092 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(195, 123, 60)` looks like.

```
.text, #text, p{  
    color:rgb(195, 123, 60)  
}
```

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(195, 123, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 123, 60) }
```

Border

The CSS property to change the border of an element to XYZ 30.4042, 26.0943, 7.7092 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(195, 123, 60) }
```


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

```
.border{ border-color:rgb(195, 123, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 123, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 123, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 123, 60);  
box-shadow:4px 4px 4px 4px rgb(195, 123,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4042, 26.0943, 7.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 123, 60) }
```

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

```
.background{ background-color: rgb(195,  
123, 60) }
```

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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