

Converting Colors

XYZ(48.2759, 47.0862, 7.3756)

Have a look what the booklet for
XYZ(48.2759, 47.0862, 7.3756)
contains.

XYZ(48.3769, 47.1048, 7.3530)	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(48.3769, 47.1048,
7.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	E8AD17
RGB	232, 173, 23
RGB Percent	91%, 68%, 9%
CMY	0.0902, 0.3215, 0.9098
CMYK	0.00, 0.25, 0.90, 0.09
HSL	43°, 82%, 50%
HSV	43°, 90%, 91%
XYZ	48.3769, 47.1048, 7.3530
YIQ	173.5410, 83.3140, -34.1420

Conversions

Conversions Part 2

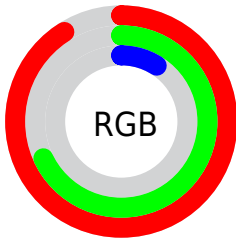
Format	Color
RYB	105, 232, 23
Decimal	15248663
CIELab	74.26, 10.17, 74.17
CIELCh	74, 74.865, 82.189
Yxy	47.1048, 0.4704, 0.4581
Android (android.graphics.Color)	4293438743 (0xFFE8AD17)
YUV	173.5410, -74.2167, 51.2685
Hunter-Lab	68.6329, 5.7106, 41.6910

Details

The XYZ color **48.3769, 47.1048, 7.3530** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **17.9364, 12.0433, 77.7225**, and the grayscale version is **40.3367, 42.4374, 46.2143**.

A 20% lighter version of the original color is **70.7449, 77.4514, 20.4535**, and **23.6320, 22.3327, 3.0651** is the 20% darker color. If you saturate the color by 10%, you get **47.0078, 44.6144, 6.1339**, and if you desaturate by 10%, it is **50.0073, 49.8178, 9.5866**.

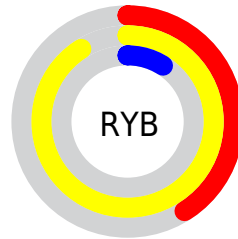
Distribution



Red (91%)

Green (68%)

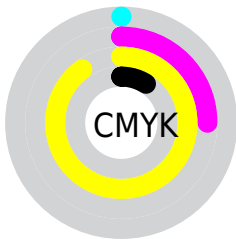
Blue (9%)



Red (41%)

Yellow (91%)

Blue (9%)

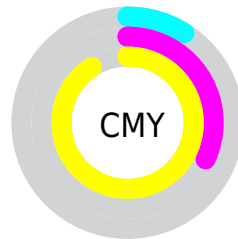


Cyan (0%)

Magenta (25%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (32%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3769, 47.1048, 7.3530 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 48.3769, 47.1048, 7.3530 by changing the saturation by 10% instead.

48.3769, 47.1048,
7.3530

48.3769, 47.1048,
7.3530

370.8419,
375.2327, 180.3062

34.3379, 33.1185,
3.6021

86.9716, 85.8700,
21.2048

23.3175, 22.2172,
1.4097

112.2581,
111.4178, 32.1426

14.9501, 14.0166,
0.1492

142.0244,
141.5881, 46.3133

8.8704, 8.1322,
0.0000

176.6360,
176.7655, 64.1351

4.7132, 4.1797,
0.0000

216.4582,
217.3342, 86.0268

2.1130, 1.7746,
0.0000

261.8564,

0.6963, 0.4712,

263.6787, 112.4069

0.0000

313.1958,
316.1834, 143.6938

■ 0.0000, 0.0000,
0.0000

■ 48.3769, 47.1048,
7.3530

■ 48.3769, 47.1048,
7.3530

■ 47.0078, 44.6144,
6.1339

■ 50.0073, 49.8178,
9.5866

■ 51.9461, 52.7520,
13.1414

■ 54.2302, 55.9256,
18.2019

■ 56.8895, 59.3518,
24.9225

■ 59.9505, 63.0424,
33.4382

■ 63.4369, 67.0083,
43.8702

■ 67.3704, 71.2593,
56.3291

■ 71.7712, 75.8048,
70.9169

■ 76.6579, 80.6534,
87.7288

Harmonies

Analogous

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



62.5601, 47.1048, 12.2189



48.3769, 47.1048, 7.3530



35.7023, 47.1048, 8.7464

Triad

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



48.3769, 47.1048, 7.3530



24.8501, 47.1048, 84.6328



68.4537, 47.1048, 111.3695

Complementary

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



48.3769, 47.1048, 7.3530



17.9364, 12.0433, 77.7225

Split Complementary

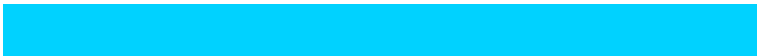
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.2600, 47.1048, 154.8967



48.3769, 47.1048, 7.3530



30.7220, 47.1048, 134.8149

Square

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



48.3769, 47.1048, 7.3530



23.7363, 47.1048, 41.8728



41.3502, 47.1048, 165.1337



75.5711, 47.1048, 62.0208

Rectangle

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



48.3769, 47.1048, 7.3530



29.5600, 47.1048, 13.6700



41.3502, 47.1048, 165.1337



64.4701, 47.1048, 128.0083

Sweetspot

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



48.3780, 47.1072, 7.3539



79.9893, 84.5525, 58.6424



35.1165, 18.3814, 9.7244



16.7786, 17.7206, 11.4888



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.



48.3780, 47.1072, 7.3539



58.1776, 55.1351, 7.5759



49.4357, 68.3038, 11.3895



15.2398, 16.0934, 15.2076



26.2091, 24.9923, 3.4426



2.0146, 2.0024, 0.2803

Inverse Universe

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



17.9364, 12.0433, 77.7225



20.3661, 11.8522, 95.8220



17.2761, 7.6787, 76.9148



13.9124, 14.5463, 18.2188



9.2434, 5.5488, 42.9670



0.7600, 0.5639, 3.2007

Previews

White Background



This preview shows how the XYZ color 48.3769, 47.1048, 7.3530 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 48.3769, 47.1048, 7.3530 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3769, 47.1048, 7.3530

Background



This preview shows how black text looks on a background with the XYZ color 48.3769, 47.1048, 7.3530.



This preview shows how white text looks on a background with the XYZ color 48.3769, 47.1048,

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

48.3769, 47.1048, 7.3530

Protanopia

42.5735, 47.0634, 7.8176

Deuteranopia

48.0532, 46.9379, 7.3379



Tritanopia

56.2229, 47.0321, 45.6500

Trichromacy



Original Color

48.3769, 47.1048, 7.3530

Protanomaly

44.3199, 46.7575, 7.6089

Deuteranomaly

48.0532, 46.9379, 7.3379

Tritanomaly

51.6502, 46.2228, 23.3392

Monochromacy



Original Color

48.3769, 47.1048, 7.3530

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.9715, 43.2061, 23.6329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3769, 47.1048, 7.3530 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(232, 173, 23)` looks like.

```
.text, #text, p{  
    color:rgb(232, 173, 23)  
}
```

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(232, 173, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 173, 23) }
```

Border

The CSS property to change the border of an element to XYZ 48.3769, 47.1048, 7.3530 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(232, 173, 23) }
```


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

```
.border{ border-color:rgb(232, 173, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 173, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 173, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 173, 23);  
box-shadow:4px 4px 4px 4px rgb(232, 173,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3769, 47.1048, 7.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 173, 23) }
```

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

```
.background{ background-color: rgb(232,  
173, 23) }
```

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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