

Converting Colors

XYZ(44.3138, 48.2868, 7.0996)

Have a look what the booklet for
XYZ(44.3138, 48.2868, 7.0996)
contains.

XYZ(44.3138, 48.2868, 7.0996)	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(44.3138, 48.2868,
7.0996)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B804
RGB	212, 184, 4
RGB Percent	83%, 72%, 2%
CMY	0.1686, 0.2784, 0.9842
CMYK	0.00, 0.13, 0.98, 0.17
HSL	52°, 96%, 42%
HSV	52°, 98%, 83%
XYZ	44.3138, 48.2868, 7.0996
YIQ	171.8520, 74.4680, -50.0440

Conversions

Conversions Part 2

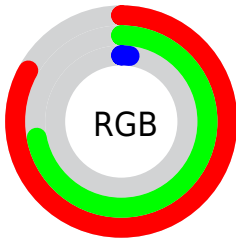
Format	Color
RYB	36, 212, 4
Decimal	13940740
CIELab	75.01, -4.56, 76.41
CIELCh	75, 76.543, 93.414
Yxy	48.2868, 0.4445, 0.4843
Android (android.graphics.Color)	4292130820 (0xFFD4B804)
YUV	171.8520, -82.7510, 35.2098
Hunter-Lab	69.4887, -7.7736, 42.5845

Details

The XYZ color **44.3138, 48.2868, 7.0996** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **12.4508, 5.8132, 62.7527**, and the grayscale version is **39.5192, 41.5773, 45.2776**.

A 20% lighter version of the original color is **73.9231, 84.1894, 20.3367**, and **21.2002, 23.1779, 3.3564** is the 20% darker color. If you saturate the color by 10%, you get **44.1806, 48.0559, 6.9471**, and if you desaturate by 10%, it is **45.0695, 49.5490, 8.1208**.

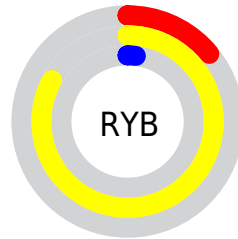
Distribution



Red (83%)

Green (72%)

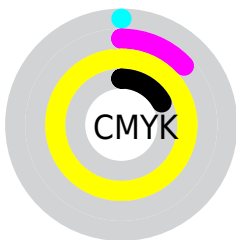
Blue (2%)



Red (14%)

Yellow (83%)

Blue (2%)

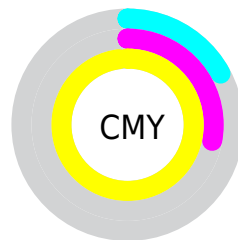


Cyan (0%)

Magenta (13%)

Yellow (98%)

Black (17%)



Cyan (17%)


Magenta (28%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3138, 48.2868, 7.0996 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 44.3138, 48.2868, 7.0996 by changing the saturation by 10% instead.


 44.3138, 48.2868,
7.0996


 44.3138, 48.2868,
7.0996


354.8179,
379.9278, 178.1510

 31.1163, 34.0541,
3.4451


 80.9332, 87.6313,
20.6896


 20.8396, 22.9351,
1.3261


 105.0857,
113.5118, 31.4621


 13.1186, 14.5456,
0.0831


 133.6205,
144.0437, 45.4444

 7.5879, 8.5011,
0.0000

 166.9032,
179.6114, 63.0550

 3.8819, 4.4172,
0.0000

 205.2988,
220.5992, 84.7124

 1.6356, 1.9096,
0.0000

 249.1730,

 0.4154, 0.5541,

267.3917, 110.8351

0.0000

298.8909,
320.3731, 141.8418

■ 0.0000, 0.0000,
0.0000

■ 44.3138, 48.2868,
7.0996

■ 44.3138, 48.2868,
7.0996

■ 44.1806, 48.0559,
6.9471

■ 45.0695, 49.5490,
8.1208

■ 46.0039, 50.9001,
10.0285

■ 47.1572, 52.3581,
13.0290

■ 48.5561, 53.9337,
17.2628

■ 50.2233, 55.6363,
22.8496

■ 52.1790, 57.4740,
29.8946

■ 54.4413, 59.4540,
38.4931

■ 57.0267, 61.5832,
48.7318

■ 59.9506, 63.8677,
60.6913

Harmonies

Analogous

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



58.9998, 48.2868, 9.4201



44.3138, 48.2868, 7.0996



32.6329, 48.2868, 10.9526

Triad

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



44.3138, 48.2868, 7.0996



26.9235, 48.2868, 107.3502



74.3575, 48.2868, 95.0773

Complementary

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



44.3138, 48.2868, 7.0996



12.4508, 5.8132, 62.7527

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.



62.3370, 48.2868, 146.5055



44.3138, 48.2868, 7.0996



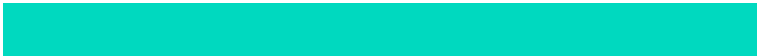
34.8906, 48.2868, 155.7672

Square

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



44.3138, 48.2868, 7.0996



23.9608, 48.2868, 57.2924



47.5137, 48.2868, 172.8579



78.2774, 48.2868, 48.1260

Rectangle

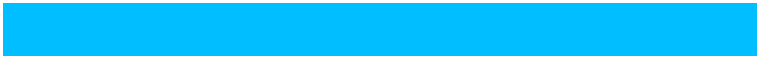
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.3138, 48.2868, 7.0996



27.5257, 48.2868, 18.7571



47.5137, 48.2868, 172.8579



71.0248, 48.2868, 113.0644

Sweetspot

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



44.3149, 48.2891, 7.1006



82.2521, 89.9312, 56.7663



27.5014, 14.2069, 2.8998



17.2811, 18.9681, 10.9087



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.



44.3149, 48.2891, 7.1006



67.0114, 72.8027, 10.5205



34.2474, 52.6022, 8.4637



13.3237, 14.2215, 13.2035



27.3289, 29.7751, 4.3068



1.6887, 1.8766, 0.2732

Inverse Universe

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



12.4508, 5.8132, 62.7527



18.6313, 8.3826, 95.2438



14.9727, 6.4107, 62.7351



11.8761, 12.2755, 15.6810



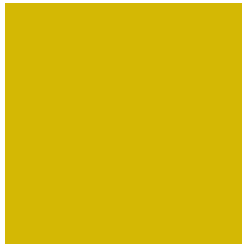
7.6427, 3.5472, 38.7350



0.5058, 0.3037, 2.3513

Previews

White Background



This preview shows how the XYZ color 44.3138, 48.2868, 7.0996 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 44.3138, 48.2868, 7.0996 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 44.3138, 48.2868, 7.0996

Background



This preview shows how black text looks on a background with the XYZ color 44.3138, 48.2868, 7.0996.

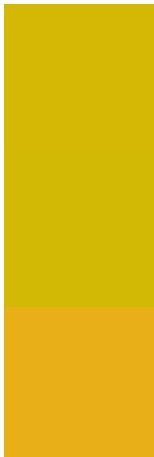


This preview shows how white text looks on a background with the XYZ color 44.3138, 48.2868,

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

44.3138, 48.2868, 7.0996

Protanopia

43.6763, 48.2664, 7.1867

Deuteranopia

49.0791, 48.0415, 7.4452



Tritanopia

53.3388, 48.1161, 51.8235

Trichromacy



Original Color

44.3138, 48.2868, 7.0996

Protanomaly

43.9547, 48.4105, 7.1711

Deuteranomaly

47.0580, 47.8828, 7.2140

Tritanomaly

47.7685, 47.2880, 24.0626

Monochromacy



Original Color

44.3138, 48.2868, 7.0996

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8881, 42.7632, 21.2434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3138, 48.2868, 7.0996 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(212, 184, 4)` looks like.

```
.text, #text, p{  
    color:rgb(212, 184, 4)  
}
```

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(212, 184, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 184, 4) }
```

Border

The CSS property to change the border of an element to XYZ 44.3138, 48.2868, 7.0996 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(212, 184, 4) }
```


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

```
.border{ border-color:rgb(212, 184, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 184, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 184, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 184, 4);  
box-shadow:4px 4px 4px 4px rgb(212, 184,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3138, 48.2868, 7.0996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 184, 4) }
```

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

```
.background{ background-color: rgb(212,  
184, 4) }
```

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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