

Converting Colors

XYZ(43.7474, 47.1199, 7.5078)

Have a look what the booklet for
XYZ(43.7474, 47.1199, 7.5078)
contains.

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Color

**XYZ(43.8106, 47.0989,
7.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B515
RGB	212, 181, 21
RGB Percent	83%, 71%, 8%
CMY	0.1686, 0.2902, 0.9176
CMYK	0.00, 0.15, 0.90, 0.17
HSL	50°, 82%, 46%
HSV	50°, 90%, 83%
XYZ	43.8106, 47.0989, 7.4914
YIQ	172.0290, 69.8360, -43.1880

Conversions

Conversions Part 2

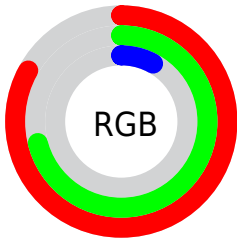
Format	Color
RYB	58, 212, 21
Decimal	13939989
CIELab	74.25, -2.79, 73.66
CIELCh	74, 73.708, 92.167
Yxy	47.0989, 0.4452, 0.4786
Android (android.graphics.Color)	4292130069 (0xFFD4B515)
YUV	172.0290, -74.4573, 35.0546
Hunter-Lab	68.6286, -6.1507, 41.5680

Details

The XYZ color **43.8106, 47.0989, 7.4914** 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 **13.4213, 7.3694, 63.0019**, and the grayscale version is **39.5695, 41.6302, 45.3352**.

A 20% lighter version of the original color is **72.9969, 81.9555, 21.2042**, and **20.9871, 22.4728, 3.2315** is the 20% darker color. If you saturate the color by 10%, you get **42.9913, 45.6772, 6.5507**, and if you desaturate by 10%, it is **44.8062, 48.6322, 9.2358**.

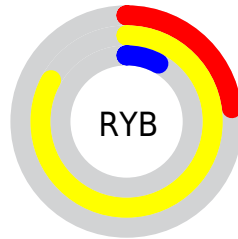
Distribution



Red (83%)

Green (71%)

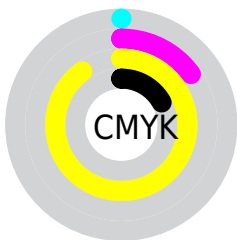
Blue (8%)



Red (23%)

Yellow (83%)

Blue (8%)

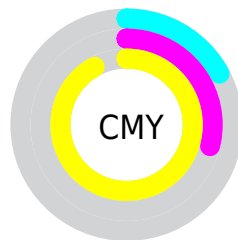


Cyan (0%)

Magenta (15%)

Yellow (90%)

Black (17%)



Cyan (17%)


Magenta (29%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8106, 47.0989, 7.4914 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 43.8106, 47.0989, 7.4914 by changing the saturation by 10% instead.


 43.8106, 47.0989,
7.4914


 43.8106, 47.0989,
7.4914


352.8001,
375.2092, 181.4696

 30.7189, 33.1138,
3.6882

 80.1808, 85.8612,
21.4846


 20.5357, 22.2137,
1.4559


 104.1900,
111.4073, 32.5118

 12.8955, 14.0140,
0.1847


 132.5691,
141.5758, 46.7839

 7.4332, 8.1304,
0.0000

 165.6834,
176.7512, 64.7197

 3.7832, 4.1785,
0.0000

 203.8983,
217.3178, 86.7376

 1.5802, 1.7739,
0.0000

 247.5791,

 0.3795, 0.4708,

263.6601, 113.2562

0.0000

297.0913,
316.1624, 144.6940

■ 0.0000, 0.0000,
0.0000

■ 43.8106, 47.0989,
7.4914

■ 43.8106, 47.0989,
7.4914

■ 42.9913, 45.6772,
6.5507

■ 44.8062, 48.6322,
9.2358

■ 46.0189, 50.2783,
12.0423

■ 47.4776, 52.0509,
16.0580

■ 49.2058, 53.9595,
21.4060

■ 51.2242, 56.0126,
28.1941

■ 53.5511, 58.2177,
36.5193

■ 56.2036, 60.5817,
46.4698

■ 59.1973, 63.1112,
58.1276

■ 62.5466, 65.8122,
71.5687

Harmonies

Analogous

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



57.7283, 47.0989, 10.0639



43.8106, 47.0989, 7.4914



32.5395, 47.0989, 11.0236

Triad

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



43.8106, 47.0989, 7.4914



26.4964, 47.0989, 100.6875



71.2490, 47.0989, 93.3863

Complementary

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



43.8106, 47.0989, 7.4914



13.4213, 7.3694, 63.0019

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.



59.7258, 47.0989, 141.0114



43.8106, 47.0989, 7.4914



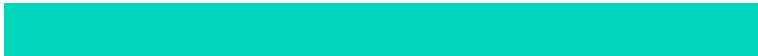
33.9058, 47.0989, 146.4904

Square

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



43.8106, 47.0989, 7.4914



23.8491, 47.0989, 54.0885



45.7354, 47.0989, 164.0134



75.3117, 47.0989, 48.5756

Rectangle

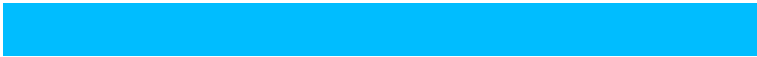
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.8106, 47.0989, 7.4914



27.5264, 47.0989, 18.3133



45.7354, 47.0989, 164.0134



68.0207, 47.0989, 110.2246

Sweetspot

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



43.8117, 47.1012, 7.4923



82.4175, 89.4088, 59.4518



28.0585, 14.7893, 4.7250



17.3578, 18.8791, 11.6819



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.



43.8117, 47.1012, 7.4923



65.1901, 69.1602, 9.9134



35.9525, 53.4681, 9.1355



13.2933, 14.1608, 13.1934



26.6031, 28.3234, 4.0648



1.6515, 1.8021, 0.2608

Inverse Universe

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



13.4213, 7.3694, 63.0019



18.8562, 8.8324, 95.3187



15.8687, 7.2062, 62.8415



11.9038, 12.3310, 15.6902



7.7452, 3.7521, 38.7692



0.5189, 0.3297, 2.3556

Previews

White Background



This preview shows how the XYZ color 43.8106, 47.0989, 7.4914 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 43.8106, 47.0989, 7.4914 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 43.8106, 47.0989, 7.4914

Background



This preview shows how black text looks on a background with the XYZ color 43.8106, 47.0989, 7.4914.



This preview shows how white text looks on a background with the XYZ color 43.8106, 47.0989,

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

43.8106, 47.0989, 7.4914

Protanopia

42.5319, 47.0467, 7.5983

Deuteranopia

48.1082, 46.9599, 7.6272



Tritanopia

52.4673, 46.8711, 49.9978

Trichromacy



Original Color

43.8106, 47.0989, 7.4914

Protanomaly

42.8852, 46.9237, 7.5559

Deuteranomaly

46.4413, 46.9681, 7.5377

Tritanomaly

47.4322, 46.2226, 25.1608

Monochromacy



Original Color

43.8106, 47.0989, 7.4914

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0344, 42.5091, 22.9774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8106, 47.0989, 7.4914 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, 181, 21)` looks like.

```
.text, #text, p{  
    color:rgb(212, 181, 21)  
}
```

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, 181, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 181, 21) }
```

Border

The CSS property to change the border of an element to XYZ 43.8106, 47.0989, 7.4914 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, 181, 21) }
```


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

```
.border{ border-color:rgb(212, 181, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 181, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 181, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 181, 21);  
box-shadow:4px 4px 4px 4px rgb(212, 181,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8106, 47.0989, 7.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 181, 21) }
```

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

```
.background{ background-color: rgb(212,  
181, 21) }
```

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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