

Converting Colors

XYZ(47.0953, 46.2989, 13.8515)

Have a look what the booklet for
XYZ(47.0953, 46.2989, 13.8515)
contains.

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Color

**XYZ(47.0953, 46.2989,
13.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	E0AD4F
RGB	224, 173, 79
RGB Percent	88%, 68%, 31%
CMY	0.1216, 0.3215, 0.6902
CMYK	0.00, 0.23, 0.65, 0.12
HSL	39°, 70%, 59%
HSV	39°, 65%, 88%
XYZ	47.0953, 46.2989, 13.8515
YIQ	177.5330, 60.5700, -18.4220

Conversions

Conversions Part 2

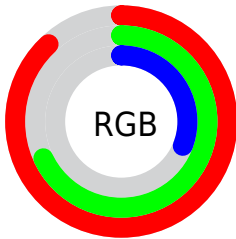
Format	Color
RYB	158, 224, 79
Decimal	14724431
CIELab	73.74, 8.85, 54.14
CIELCh	74, 54.854, 80.717
Yxy	46.2989, 0.4391, 0.4317
Android (android.graphics.Color)	4292914511 (0xFFE0AD4F)
YUV	177.5330, -48.5768, 40.7516
Hunter-Lab	68.0433, 4.4707, 35.5607

Details

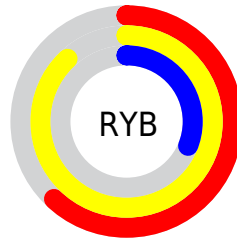
The XYZ color **47.0953, 46.2989, 13.8515** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **24.6613, 23.0084, 73.6619**, and the grayscale version is **42.2971, 44.4999, 48.4604**.

A 20% lighter version of the original color is **73.1483, 78.4127, 33.1096**, and **22.5299, 21.7443, 3.9293** is the 20% darker color. If you saturate the color by 10%, you get **44.9472, 43.0952, 9.7684**, and if you desaturate by 10%, it is **49.6093, 49.7952, 19.4123**.

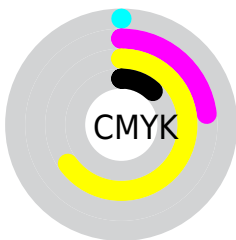
Distribution



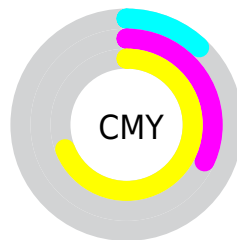
- Red (88%)
- Green (68%)
- Blue (31%)



- Red (62%)
- Yellow (88%)
- Blue (31%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)
- Black (12%)



- Cyan (12%)
- Magenta (32%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0953, 46.2989, 13.8515 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 47.0953, 46.2989, 13.8515 by changing the saturation by 10% instead.

■ 47.0953, 46.2989,
13.8515

■ 47.0953, 46.2989,
13.8515

365.8374,
372.0090, 227.7013

■ 33.3193, 32.4818,
7.8799

■ 85.0737, 84.6662,
33.5386

■ 22.5315, 21.7297,
3.9315

■ 110.0068,
109.9850, 48.0912

■ 14.3668, 13.6584,
1.5878

■ 139.3897,
139.9066, 66.3412

■ 8.4596, 7.8835,
0.2821

■ 173.5876,
174.8153, 88.7072

■ 4.4447, 4.0205,
0.0000

■ 212.9660,
215.0955, 115.6076

■ 1.9567, 1.6850,
0.0000

257.8902,

■ 0.6094, 0.4139,

261.1316, 147.4611

0.0000

308.7255,
313.3080, 184.6861

■ 0.0000, 0.0000,
0.0000

■ 47.0953, 46.2989,
13.8515

■ 47.0953, 46.2989,
13.8515

■ 44.9472, 43.0952,
9.7684

■ 49.6093, 49.7952,
19.4123

■ 43.1313, 40.1626,
7.0076

■ 52.5122, 53.5901,
26.5796

■ 41.6119, 37.4863,
5.3839

■ 55.8288, 57.6977,
35.4710

■ 40.8996, 36.1658,
4.8251

■ 59.5804, 62.1288,
46.1925

■ 63.7868, 66.8935,
58.8414

■ 68.4665, 72.0013,
73.5079

■ 73.6367, 77.4614,
90.2768

■ 78.7938, 83.0743,
106.4898

■ 81.1127, 87.7119,
107.2627

Harmonies

Analogous

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



56.9555, 46.2989, 19.2572



47.0953, 46.2989, 13.8515



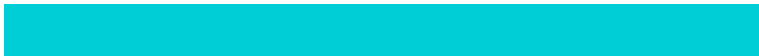
37.7096, 46.2989, 15.0532

Triad

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



47.0953, 46.2989, 13.8515



28.7147, 46.2989, 71.8572



60.1456, 46.2989, 92.5499

Complementary

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



47.0953, 46.2989, 13.8515



24.6613, 23.0084, 73.6619

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.



50.9664, 46.2989, 119.0304



47.0953, 46.2989, 13.8515



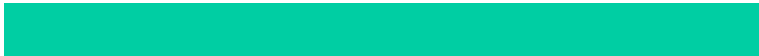
33.1846, 46.2989, 104.3434

Square

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



47.0953, 46.2989, 13.8515



27.9945, 46.2989, 42.2478



41.0543, 46.2989, 124.0004



65.1887, 46.2989, 59.5647

Rectangle

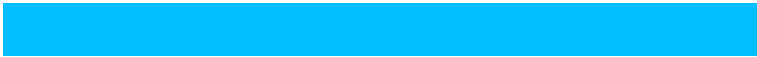
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.0953, 46.2989, 13.8515



32.8881, 46.2989, 19.7149



41.0543, 46.2989, 124.0004



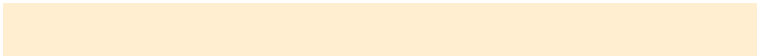
57.3829, 46.2989, 102.9486

Sweetspot

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



47.0964, 46.3012, 13.8524



83.0106, 86.8692, 71.1358



37.7128, 23.1101, 24.3632



17.4230, 18.2018, 14.1937



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.



47.0964, 46.3012, 13.8524



59.3156, 56.2651, 11.4882



53.1518, 66.8073, 17.4913



14.4450, 15.1759, 14.4747



23.9185, 21.2748, 2.8458



1.7410, 1.6409, 0.2250

Inverse Universe

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



24.6613, 23.0084, 73.6619



27.1538, 22.9983, 97.6157



21.3239, 13.5895, 72.0198



13.3444, 14.0279, 17.3920



9.5476, 6.5648, 41.8123



0.7439, 0.6193, 2.9256

Previews

White Background



This preview shows how the XYZ color 47.0953, 46.2989, 13.8515 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 47.0953, 46.2989, 13.8515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

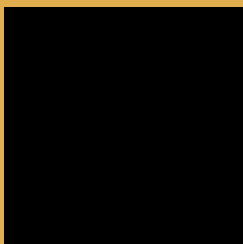
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0953, 46.2989, 13.8515

Background



This preview shows how black text looks on a background with the XYZ color 47.0953, 46.2989, 13.8515.



This preview shows how white text looks on a background with the XYZ color 47.0953, 46.2989,

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

47.0953, 46.2989, 13.8515

Protanopia

42.3383, 46.4826, 14.7232

Deuteranopia

47.4062, 46.4592, 13.8661



Tritanopia

53.7901, 46.2785, 46.6550

Trichromacy



Original Color

47.0953, 46.2989, 13.8515

Protanomaly

43.8998, 46.3896, 14.4249

Deuteranomaly

47.4062, 46.4592, 13.8661

Tritanomaly

50.5472, 46.0249, 31.0305

Monochromacy



Original Color

47.0953, 46.2989, 13.8515

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9135, 44.6058, 31.9392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0953, 46.2989, 13.8515 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(224, 173, 79)` looks like.

```
.text, #text, p{  
    color:rgb(224, 173, 79)  
}
```

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(224, 173, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 173, 79) }
```

Border

The CSS property to change the border of an element to XYZ 47.0953, 46.2989, 13.8515 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(224, 173, 79) }
```


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

```
.border{ border-color:rgb(224, 173, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 173, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 173, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 173, 79);  
box-shadow:4px 4px 4px 4px rgb(224, 173,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0953, 46.2989, 13.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 173, 79) }
```

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

```
.background{ background-color: rgb(224,  
173, 79) }
```

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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