

Converting Colors

XYZ(43.8986, 47.9246, 13.7741)

Have a look what the booklet for
XYZ(43.8986, 47.9246, 13.7741)
contains.

XYZ(43.8986, 47.9246, 13.7741)	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(43.8986, 47.9246,
13.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB84C
RGB	206, 184, 76
RGB Percent	81%, 72%, 30%
CMY	0.1922, 0.2784, 0.7019
CMYK	0.00, 0.11, 0.63, 0.19
HSL	50°, 57%, 55%
HSV	50°, 63%, 81%
XYZ	43.8986, 47.9246, 13.7741
YIQ	178.2660, 47.7800, -28.9240

Conversions

Conversions Part 2

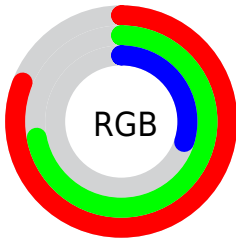
Format	Color
RYB	102, 206, 76
Decimal	13547596
CIELab	74.78, -4.79, 56.11
CIELCh	75, 56.317, 94.879
Yxy	47.9246, 0.4157, 0.4538
Android (android.graphics.Color)	4291737676 (0xFFCEB84C)
YUV	178.2660, -50.4171, 24.3227
Hunter-Lab	69.2276, -7.9579, 36.6625

Details

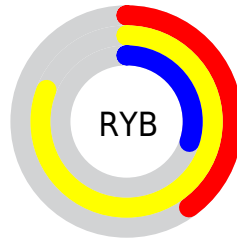
The XYZ color **43.8986, 47.9246, 13.7741** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **18.4886, 14.7276, 60.2605**, and the grayscale version is **42.7000, 44.9237, 48.9219**.

A 20% lighter version of the original color is **76.3625, 85.1652, 33.1827**, and **20.6283, 22.6692, 3.9045** is the 20% darker color. If you saturate the color by 10%, you get **42.5792, 46.2544, 10.3491**, and if you desaturate by 10%, it is **45.4673, 49.7267, 18.4143**.

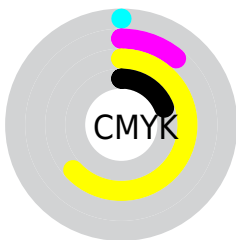
Distribution



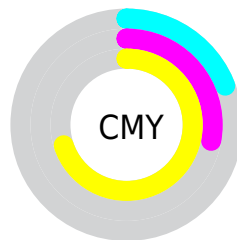
- Red (81%)
- Green (72%)
- Blue (30%)



- Red (40%)
- Yellow (81%)
- Blue (30%)



- Cyan (0%)
- Magenta (11%)
- Yellow (63%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8986, 47.9246, 13.7741 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 43.8986, 47.9246, 13.7741 by changing the saturation by 10% instead.

 43.8986, 47.9246,
13.7741


 43.8986, 47.9246,
13.7741


353.1535,
378.4932, 227.2003


 30.7884, 33.7672,
7.8268


 80.3124, 87.0921,
33.3990


 20.5888, 22.7148,
3.8981


 104.3467,
112.8710, 47.9136


 12.9345, 14.3831,
1.5696

 132.7531,
143.2925, 66.1211

 7.4601, 8.3876,
0.2690

 165.8969,
178.7411, 88.4400

 3.8004, 4.3439,
0.0000

 204.1435,
219.6010, 115.2888

 1.5898, 1.8678,
0.0000

247.8582,

 0.3858, 0.5289,

266.2567, 147.0861

0.0000

297.4065,
319.0927, 184.2504

■ 0.0000, 0.0000,
0.0000

■ 43.8986, 47.9246,
13.7741

■ 43.8986, 47.9246,
13.7741

■ 42.5792, 46.2544,
10.3491

■ 45.4673, 49.7267,
18.4143

■ 41.4830, 44.7000,
8.0164

■ 47.3019, 51.6621,
24.3709

■ 40.5833, 43.2524,
6.6323

■ 49.4213, 53.7403,
31.7381

■ 40.0441, 42.3030,
6.0547

■ 51.8417, 55.9681,
40.6004

■ 54.5779, 58.3515,
51.0357

■ 57.6439, 60.8964,
63.1165

■ 61.0527, 63.6081,
76.9107

■ 64.8166, 66.4917,
92.4826

■ 67.8990, 69.1329,
104.3731

Harmonies

Analogous

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



54.4215, 47.9246, 15.9921



43.8986, 47.9246, 13.7741



35.2040, 47.9246, 18.2699

Triad

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



43.8986, 47.9246, 13.7741



31.2458, 47.9246, 91.4753



65.7804, 47.9246, 79.9347

Complementary

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



43.8986, 47.9246, 13.7741



18.4886, 14.7276, 60.2605

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.



57.7492, 47.9246, 113.3752



43.8986, 47.9246, 13.7741



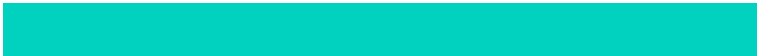
37.7007, 47.9246, 121.6026

Square

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



43.8986, 47.9246, 13.7741



28.6297, 47.9246, 57.1203



47.2441, 47.9246, 130.8335



68.0929, 47.9246, 47.5364

Rectangle

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



43.8986, 47.9246, 13.7741



31.2830, 47.9246, 26.0207



47.2441, 47.9246, 130.8335



63.6066, 47.9246, 91.7600

Sweetspot

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



43.8997, 47.9269, 13.7751



85.6480, 92.1440, 72.0149



30.3304, 19.2080, 14.1238



18.0658, 19.4874, 14.4079



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.



43.8997, 47.9269, 13.7751



68.2651, 73.9539, 15.1197



38.8583, 52.6458, 14.9516



11.9860, 12.7610, 11.9108



24.7200, 26.1730, 3.7490



1.3191, 1.4380, 0.2080

Inverse Universe

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



18.4886, 14.7276, 60.2605



23.9885, 16.2219, 96.4745



21.0840, 13.4191, 59.8711



10.7526, 11.1456, 14.1550



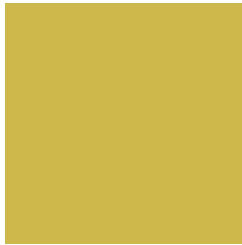
7.2763, 3.5766, 36.2631



0.4241, 0.2820, 1.8870

Previews

White Background



This preview shows how the XYZ color 43.8986, 47.9246, 13.7741 looks on a white background.

Color Contrast Check

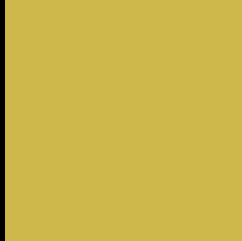
Large Text (above 18pt) WCAG AA × Fail

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 43.8986, 47.9246, 13.7741 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 43.8986, 47.9246, 13.7741

Background



This preview shows how black text looks on a background with the XYZ color 43.8986, 47.9246, 13.7741.



This preview shows how white text looks on a background with the XYZ color 43.8986, 47.9246,

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

43.8986, 47.9246, 13.7741

Protanopia

43.6218, 47.7819, 13.7612

Deuteranopia

48.7362, 47.7184, 14.0390



Tritanopia

51.8308, 47.8794, 52.9642

Trichromacy



Original Color

43.8986, 47.9246, 13.7741

Protanomaly

43.6218, 47.7819, 13.7612

Deuteranomaly

46.8107, 47.6065, 13.9295

Tritanomaly

48.0618, 47.5167, 33.8326

Monochromacy



Original Color

43.8986, 47.9246, 13.7741

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.8680, 45.2570, 31.7281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8986, 47.9246, 13.7741 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(206, 184, 76)` looks like.

```
.text, #text, p{  
    color:rgb(206, 184, 76)  
}
```

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(206, 184, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 184, 76) }
```

Border

The CSS property to change the border of an element to XYZ 43.8986, 47.9246, 13.7741 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(206, 184, 76) }
```


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

```
.border{ border-color:rgb(206, 184, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 184, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 184, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 184, 76);  
box-shadow:4px 4px 4px 4px rgb(206, 184,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8986, 47.9246, 13.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 184, 76) }
```

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

```
.background{ background-color: rgb(206,  
184, 76) }
```

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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