

Converting Colors

XYZ(47.1195, 50.0257, 17.3258)

Have a look what the booklet for
XYZ(47.1195, 50.0257, 17.3258)
contains.

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Color

**XYZ(47.2222, 50.1867,
17.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BA5C
RGB	214, 186, 92
RGB Percent	84%, 73%, 36%
CMY	0.1608, 0.2706, 0.6392
CMYK	0.00, 0.13, 0.57, 0.16
HSL	46°, 60%, 60%
HSV	46°, 57%, 84%
XYZ	47.2222, 50.1867, 17.3233
YIQ	183.6560, 46.8620, -23.2980

Conversions

Conversions Part 2

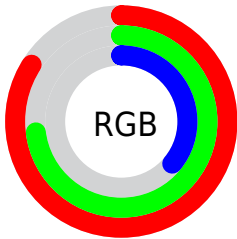
Format	Color
RYB	128, 214, 92
Decimal	14072412
CIELab	76.18, -1.33, 50.56
CIELCh	76, 50.582, 91.511
Yxy	50.1867, 0.4116, 0.4374
Android (android.graphics.Color)	4292262492 (0xFFD6BA5C)
YUV	183.6560, -45.1864, 26.6117
Hunter-Lab	70.8426, -4.9901, 35.0915

Details

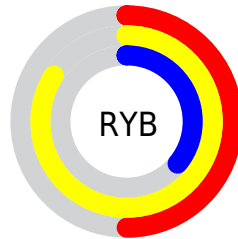
The XYZ color **47.2222, 50.1867, 17.3233** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **23.2674, 20.5624, 66.3605**, and the grayscale version is **45.5945, 47.9689, 52.2382**.

A 20% lighter version of the original color is **78.1030, 86.8086, 39.4273**, and **22.6752, 24.0964, 5.4634** is the 20% darker color. If you saturate the color by 10%, you get **45.3993, 47.8325, 12.7344**, and if you desaturate by 10%, it is **49.3473, 52.7225, 23.3174**.

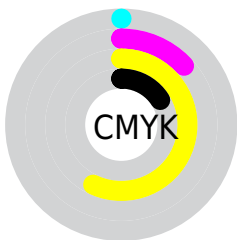
Distribution



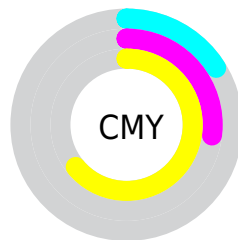
- Red (84%)
- Green (73%)
- Blue (36%)



- Red (50%)
- Yellow (84%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (57%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2222, 50.1867, 17.3233 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 47.2222, 50.1867, 17.3233 by changing the saturation by 10% instead.

■ 47.2222, 50.1867,
17.3233

■ 47.2222, 50.1867,
17.3233

366.3349,
387.3956, 249.1353

■ 33.4200, 35.5618,
10.3009

■ 85.2619, 90.4514,
39.6790

■ 22.6092, 24.0959,
5.4907

■ 110.2302,
116.8600, 55.8495

■ 14.4243, 15.4048,
2.4742

■ 139.6512,
147.9653, 75.9063

■ 8.5000, 9.1040,
0.8264

■ 173.8903,
184.1516, 100.2680

■ 4.4710, 4.8091,
0.0000

213.3129,
225.8034, 129.3533

■ 1.9719, 2.1357,
0.0000

258.2843,

■ 0.6181, 0.6846,

273.3051, 163.5805

0.0000

309.1698,
327.0410, 203.3684

■ 0.0000, 0.0000,
0.0000

■ 47.2222, 50.1867,
17.3233

■ 47.2222, 50.1867,
17.3233

■ 45.3993, 47.8325,
12.7344

■ 49.3473, 52.7225,
23.3174

■ 43.8517, 45.6428,
9.4269

■ 51.7915, 55.4415,
30.8204

■ 42.5534, 43.6086,
7.2608

■ 54.5747, 58.3541,
39.9295

■ 41.4689, 41.7151,
6.0500

■ 57.7139, 61.4676,
50.7330

■ 41.1676, 41.1684,
5.7765

■ 61.2251, 64.7889,
63.3128

■ 65.1229, 68.3245,
77.7453

■ 69.4214, 72.0805,
94.1027

■ 72.7849, 75.5231,
105.3490

■ 74.1338, 78.2210,
105.7986

Harmonies

Analogous

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



56.9287, 50.1867, 20.4203



47.2222, 50.1867, 17.3233



38.7990, 50.1867, 21.1424

Triad

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



47.2222, 50.1867, 17.3233



33.7947, 50.1867, 86.7007



65.5704, 50.1867, 83.4995

Complementary

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



47.2222, 50.1867, 17.3233



23.2674, 20.5624, 66.3605

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.



57.8699, 50.1867, 112.2836



47.2222, 50.1867, 17.3233



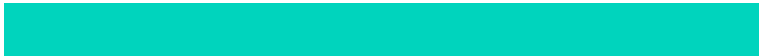
39.5285, 50.1867, 114.5219

Square

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



47.2222, 50.1867, 17.3233



31.7093, 50.1867, 56.0321



48.1829, 50.1867, 125.1513



68.3275, 50.1867, 53.2806

Rectangle

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



47.2222, 50.1867, 17.3233



34.8155, 50.1867, 28.1812



48.1829, 50.1867, 125.1513



63.4280, 50.1867, 93.9711

Sweetspot

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



47.2234, 50.1891, 17.3243



85.7480, 91.3326, 75.1657



34.9774, 23.3182, 20.5761



18.1418, 19.3428, 15.3477



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.



47.2234, 50.1891, 17.3243



67.1021, 70.5718, 17.9881



45.1440, 58.7459, 19.0855



13.2200, 14.0142, 13.1690



24.9653, 25.0479, 3.5189



1.5661, 1.6314, 0.2323

Inverse Universe

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



23.2674, 20.5624, 66.3605



28.3797, 22.7653, 97.5061



24.3546, 16.8348, 65.5837



11.9715, 12.4665, 15.7128



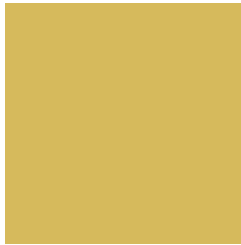
8.0686, 4.3990, 38.8770



0.5505, 0.3929, 2.3661

Previews

White Background



This preview shows how the XYZ color 47.2222, 50.1867, 17.3233 looks on a white background.

Color Contrast Check

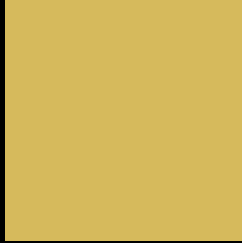
Large Text (above 18pt) WCAG AA × Fail

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 47.2222, 50.1867, 17.3233 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 47.2222, 50.1867, 17.3233

Background



This preview shows how black text looks on a background with the XYZ color 47.2222, 50.1867, 17.3233.

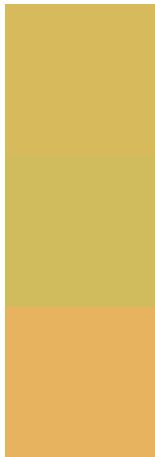


This preview shows how white text looks on a background with the XYZ color 47.2222, 50.1867,

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

47.2222, 50.1867, 17.3233

Protanopia

45.9714, 50.1666, 17.6161

Deuteranopia

51.0955, 50.0373, 17.5548



Tritanopia

54.9467, 50.0220, 54.9033

Trichromacy



Original Color

47.2222, 50.1867, 17.3233

Protanomaly

46.3244, 50.0326, 17.5716

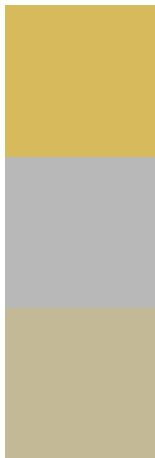
Deuteranomaly

49.7551, 50.2538, 17.4335

Tritanomaly

51.4680, 49.7889, 37.4694

Monochromacy



Original Color

47.2222, 50.1867, 17.3233

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.4406, 48.5344, 36.2513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2222, 50.1867, 17.3233 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(214, 186, 92)` looks like.

```
.text, #text, p{  
    color:rgb(214, 186, 92)  
}
```

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(214, 186, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 186, 92) }
```

Border

The CSS property to change the border of an element to XYZ 47.2222, 50.1867, 17.3233 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(214, 186, 92) }
```


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

```
.border{ border-color:rgb(214, 186, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 186, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 186, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 186, 92);  
box-shadow:4px 4px 4px 4px rgb(214, 186,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2222, 50.1867, 17.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 186, 92) }
```

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

```
.background{ background-color: rgb(214,  
186, 92) }
```

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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