

Converting Colors

XYZ(62.7666, 65.0030, 47.2689)

Have a look what the booklet for
XYZ(62.7666, 65.0030, 47.2689)
contains.

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Color

**XYZ(62.7666, 65.0030,
47.2689)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D0AA
RGB	231, 208, 170
RGB Percent	91%, 82%, 67%
CMY	0.0941, 0.1843, 0.3333
CMYK	0.00, 0.10, 0.26, 0.09
HSL	37°, 56%, 79%
HSV	37°, 26%, 91%
XYZ	62.7666, 65.0030, 47.2689
YIQ	210.5450, 25.9060, -6.9420

Conversions

Conversions Part 2

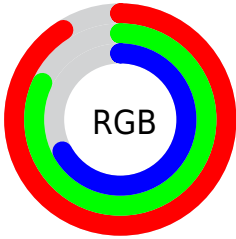
Format	Color
R_{YB}	207, 231, 170
Decimal	15192234
CIE _{Lab}	84.49, 2.29, 21.81
CIE _{LCh}	84, 21.932, 84.018
Yxy	65.0030, 0.3586, 0.3714
Android (android.graphics.Color)	4293382314 (0xFFE7D0AA)
YUV	210.5450, -19.9887, 17.9390
Hunter-Lab	80.6244, -2.1295, 21.6763

Details

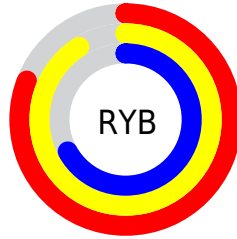
The XYZ color **62.7666, 65.0030, 47.2689** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.0709, 52.4541, 83.0872**, and the grayscale version is **61.7339, 64.9488, 70.7293**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **32.5048, 33.5332, 21.8989** is the 20% darker color. If you saturate the color by 10%, you get **58.7059, 60.0766, 36.0652**, and if you desaturate by 10%, it is **67.3313, 70.3221, 60.5364**.

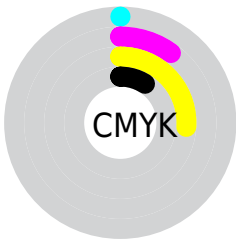
Distribution



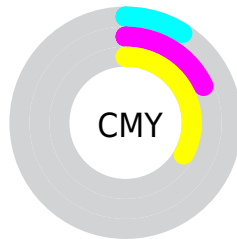
- Red (91%)
- Green (82%)
- Blue (67%)



- Red (81%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7666, 65.0030, 47.2689 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 62.7666, 65.0030, 47.2689 by changing the saturation by 10% instead.

62.7666, 65.0030,
47.2689

62.7666, 65.0030,
47.2689

424.3951,
442.8027, 392.3116

45.9104, 47.4635,
32.8924

107.9164,
112.0542, 87.4690

32.3794, 33.4022,
21.7736

136.9407,
142.3346, 114.1298

21.8084, 22.4348,
13.4939

170.7517,
177.6309, 145.7224

13.8320, 14.1767,
7.6348

209.7148,
218.3273, 182.6653

8.0848, 8.2437,
3.7778

254.1953,
264.8083, 225.3772

4.2015, 4.2513,
1.5042

304.5586,

1.8168, 1.8151,

317.4583, 274.2765

0.2211

361.1701,
376.6617, 329.7818

■ 0.5277, 0.4965,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7666, 65.0030,
47.2689

■ 62.7666, 65.0030,
47.2689

■ 58.7059, 60.0766,
36.0652

■ 67.3313, 70.3221,
60.5364

■ 55.1222, 55.5222,
26.8147

■ 72.4153, 76.0361,
75.9624

■ 51.9933, 51.3303,
19.4028

■ 78.0395, 82.1584,
93.6404

■ 49.2930, 47.4873,
13.7010

■ 83.0072, 88.2131,
107.2596

■ 46.9918, 43.9781,
9.5640

■ 85.6730, 93.5448,
108.1482

■ 45.0557, 40.7859,
6.8220

■ 86.7651, 95.7290,
108.5123

■ 43.4421, 37.8902,
5.2623

■ 42.9164, 36.9115,
4.8627

Harmonies

Analogous

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



67.4632, 65.0030, 51.1785



62.7666, 65.0030, 47.2689



58.0414, 65.0030, 48.9550

Triad

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



62.7666, 65.0030, 47.2689



53.6010, 65.0030, 82.2913



69.6936, 65.0030, 87.7730

Complementary

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



62.7666, 65.0030, 47.2689



50.0709, 52.4541, 83.0872

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.



65.6828, 65.0030, 98.2773



62.7666, 65.0030, 47.2689



56.4317, 65.0030, 94.8321

Square

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



62.7666, 65.0030, 47.2689



52.9113, 65.0030, 68.0130



60.8105, 65.0030, 101.0169



71.5957, 65.0030, 73.6153

Rectangle

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



62.7666, 65.0030, 47.2689



55.4884, 65.0030, 53.1542



60.8105, 65.0030, 101.0169



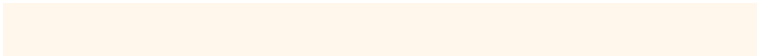
68.5374, 65.0030, 91.9194

Sweetspot

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



62.7683, 65.0060, 47.2703



89.5333, 93.9463, 91.7091



56.9988, 49.6065, 57.2482



18.9522, 19.8726, 18.9812



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.



62.7683, 65.0060, 47.2703



75.5417, 77.7328, 50.7609



66.5364, 75.8831, 49.1712



15.1212, 15.8564, 15.1681



24.1826, 20.9393, 2.7671



1.8757, 1.7247, 0.2340

Inverse Universe

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



50.0709, 52.4541, 83.0872



57.0032, 59.4120, 103.0710



46.9573, 43.8807, 81.5965



14.0258, 14.7730, 18.2566



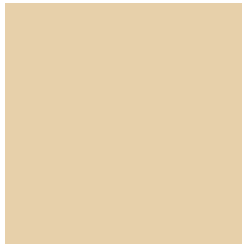
10.1106, 7.2832, 43.2561



0.8342, 0.7124, 3.2255

Previews

White Background



This preview shows how the XYZ color 62.7666, 65.0030, 47.2689 looks on a white background.

Color Contrast Check

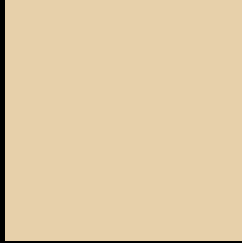
Large Text (above 18pt) WCAG AA × Fail

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 62.7666, 65.0030, 47.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

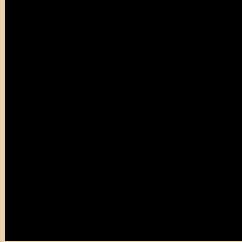
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7666, 65.0030, 47.2689

Background



This preview shows how black text looks on a background with the XYZ color 62.7666, 65.0030, 47.2689.



This preview shows how white text looks on a background with the XYZ color 62.7666, 65.0030,

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

62.7666, 65.0030, 47.2689

Protanopia

61.3854, 65.3761, 47.9116

Deuteranopia

66.3628, 65.0646, 47.5891



Tritanopia

68.3361, 64.7876, 74.5492

Trichromacy



Original Color

62.7666, 65.0030, 47.2689

Protanomaly

62.0758, 65.3644, 47.8729

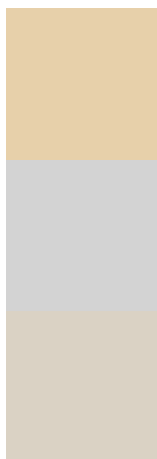
Deuteranomaly

65.1172, 65.1282, 47.6670

Tritanomaly

66.2791, 65.0180, 63.7000

Monochromacy



Original Color

62.7666, 65.0030, 47.2689

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9238, 64.9841, 61.5040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7666, 65.0030, 47.2689 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(231, 208, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 170)  
}
```

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(231, 208, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 170) }
```

Border

The CSS property to change the border of an element to XYZ 62.7666, 65.0030, 47.2689 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(231, 208, 170) }
```


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

```
.border{ border-color:rgb(231, 208, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 208, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7666, 65.0030, 47.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 170) }
```

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

```
.background{ background-color: rgb(231,  
208, 170) }
```

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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