

Converting Colors

XYZ(62.6747, 62.1550, 49.7422)

Have a look what the booklet for
XYZ(62.6747, 62.1550, 49.7422)
contains.

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Color

**XYZ(62.7517, 62.1053,
49.7544)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC8B0
RGB	235, 200, 176
RGB Percent	92%, 78%, 69%
CMY	0.0784, 0.2157, 0.3098
CMYK	0.00, 0.15, 0.25, 0.08
HSL	24°, 60%, 81%
HSV	24°, 25%, 92%
XYZ	62.7517, 62.1053, 49.7544
YIQ	207.7290, 28.5640, -0.0440

Conversions

Conversions Part 2

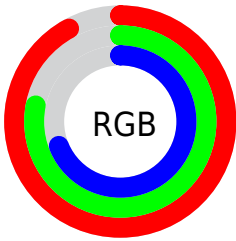
Format	Color
R_{YB}	235, 216, 176
Decimal	15452336
CIE Lab	82.97, 8.79, 16.59
CIE LCh	83, 18.772, 62.097
Yxy	62.1053, 0.3594, 0.3557
Android (android.graphics.Color)	4293642416 (0xFFEBC8B0)
YUV	207.7290, -15.6424, 23.9167
Hunter-Lab	78.8069, 4.2224, 17.7324

Details

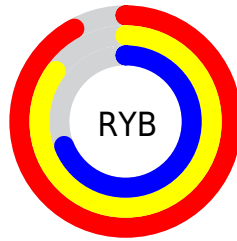
The XYZ color **62.7517, 62.1053, 49.7544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.1936, 61.8151, 87.5674**, and the grayscale version is **59.8652, 62.9828, 68.5883**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **32.4444, 31.5715, 23.1228** is the 20% darker color. If you saturate the color by 10%, you get **57.5428, 55.0918, 37.5225**, and if you desaturate by 10%, it is **68.6608, 69.8742, 64.2069**.

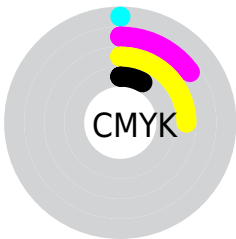
Distribution



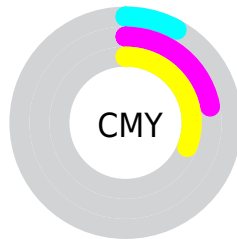
- Red (92%)
- Green (78%)
- Blue (69%)



- Red (92%)
- Yellow (85%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (8%)





- Cyan (8%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7517, 62.1053, 49.7544 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 62.7517, 62.1053, 49.7544 by changing the saturation by 10% instead.


 62.7517, 62.1053,
49.7544

 62.7517, 62.1053,
49.7544


424.3418,
432.3151, 402.4122

 45.8983, 45.1178,
34.8485


 107.8950,
107.8777, 91.2034

 32.3698, 31.5502,
23.2636


136.9156,
137.4314, 118.5836

 21.8010, 21.0182,
14.5811


170.7227,
171.9426, 150.9590

 13.8266, 13.1373,
8.3826

209.6815,
211.7957, 188.7481

 8.0810, 7.5232,
4.2495

254.1575,
257.3751, 232.3694

 4.1991, 3.7914,
1.7632

304.5159,

 1.8154, 1.5576,

309.0652, 282.2415

0.4035

361.1223,
367.2504, 338.7829

■ 0.5269, 0.3287,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7517, 62.1053,
49.7544

■ 62.7517, 62.1053,
49.7544

■ 57.5428, 55.0918,
37.5225

■ 68.6608, 69.8742,
64.2069

■ 53.0006, 48.8011,
27.3955

■ 75.2919, 78.4127,
80.9800

■ 49.0959, 43.2109,
19.2530

■ 82.6720, 87.7454,
100.1723

■ 45.7954, 38.2940,
12.9607

■ 88.0711, 96.4022,
108.5734

■ 43.0618, 34.0212,
8.3673

■ 40.8530, 30.3605,
5.2972

■ 39.1186, 27.2759,
3.5350

■ 38.4087, 25.9574,
2.9859

Harmonies

Analogous

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



65.8800, 62.1053, 56.4433



62.7517, 62.1053, 49.7544



58.7446, 62.1053, 47.6813

Triad

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



62.7517, 62.1053, 49.7544



51.5791, 62.1053, 68.4419



63.2675, 62.1053, 88.3455

Complementary

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



62.7517, 62.1053, 49.7544



56.1936, 61.8151, 87.5674

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.



59.3148, 62.1053, 92.4668



62.7517, 62.1053, 49.7544



52.6706, 62.1053, 80.1873

Square

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



62.7517, 62.1053, 49.7544



52.4068, 62.1053, 57.7063



55.4570, 62.1053, 89.3249



66.1872, 62.1053, 78.6134

Rectangle

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



62.7517, 62.1053, 49.7544



56.1461, 62.1053, 48.9797



55.4570, 62.1053, 89.3249



62.0094, 62.1053, 90.4801

Sweetspot

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



62.7533, 62.1081, 49.7557



88.1983, 91.2764, 91.2642



61.5949, 53.4368, 68.9598



18.6161, 19.2005, 18.8692



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.



62.7533, 62.1081, 49.7557



72.2803, 70.4026, 52.1627



70.1449, 76.8912, 52.2195



15.5687, 16.0603, 15.7981



21.4941, 14.6823, 1.7011



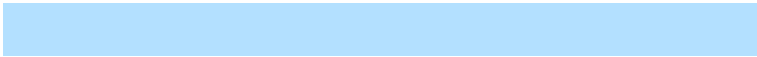
1.7801, 1.3376, 0.1644

Inverse Universe

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



56.1936, 61.8151, 87.5674



63.1472, 69.9885, 104.7887



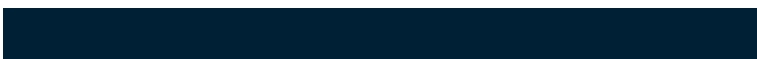
49.6081, 48.6440, 85.3722



14.9740, 16.0344, 19.2280



13.6439, 13.9347, 45.7135



1.1655, 1.2824, 3.6210

Previews

White Background



This preview shows how the XYZ color 62.7517, 62.1053, 49.7544 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 62.7517, 62.1053, 49.7544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

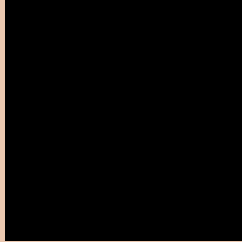
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7517, 62.1053, 49.7544

Background



This preview shows how black text looks on a background with the XYZ color 62.7517, 62.1053, 49.7544.



This preview shows how white text looks on a background with the XYZ color 62.7517, 62.1053,

49.7544.

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

62.7517, 62.1053, 49.7544

Protanopia

58.8233, 62.1490, 51.5435

Deuteranopia

63.5198, 62.1586, 49.7242



Tritanopia

66.7446, 62.0341, 69.4287

Trichromacy



Original Color

62.7517, 62.1053, 49.7544

Protanomaly

60.3692, 62.2474, 50.9526

Deuteranomaly

63.1849, 61.9860, 49.7086

Tritanomaly

65.4192, 62.1869, 61.9814

Monochromacy



Original Color

62.7517, 62.1053, 49.7544

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.7086, 62.5536, 61.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7517, 62.1053, 49.7544 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(235, 200, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 200, 176)  
}
```

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(235, 200, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 200, 176) }
```

Border

The CSS property to change the border of an element to XYZ 62.7517, 62.1053, 49.7544 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(235, 200, 176) }
```


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

```
.border{ border-color:rgb(235, 200, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 200, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 200, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 200, 176);  
box-shadow:4px 4px 4px 4px rgb(235, 200,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7517, 62.1053, 49.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 200, 176) }
```

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

```
.background{ background-color: rgb(235,  
200, 176) }
```

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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