

Converting Colors

XYZ(62.4443, 62.2727, 47.5738)

Have a look what the booklet for
XYZ(62.4443, 62.2727, 47.5738)
contains.

XYZ(62.5940, 62.4140, 47.7778)	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(62.5940, 62.4140,
47.7778)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC9AC
RGB	235, 201, 172
RGB Percent	92%, 79%, 67%
CMY	0.0784, 0.2117, 0.3255
CMYK	0.00, 0.14, 0.27, 0.08
HSL	28°, 61%, 80%
HSV	28°, 27%, 92%
XYZ	62.5940, 62.4140, 47.7778
YIQ	207.8600, 29.5730, -1.8110

Conversions

Conversions Part 2

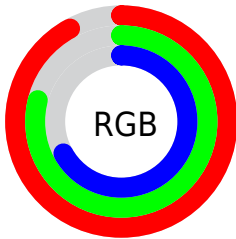
Format	Color
RYB	235, 226, 172
Decimal	15452588
CIELab	83.13, 7.71, 18.94
CIELCh	83, 20.450, 67.838
Yxy	62.4140, 0.3623, 0.3612
Android (android.graphics.Color)	4293642668 (0xFFEBC9AC)
YUV	207.8600, -17.6790, 23.8018
Hunter-Lab	79.0025, 3.1718, 19.4454

Details

The XYZ color **62.5940, 62.4140, 47.7778** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0795, 58.9098, 87.1180**, and the grayscale version is **59.9624, 63.0851, 68.6997**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **32.1840, 31.6885, 22.1895** is the 20% darker color. If you saturate the color by 10%, you get **57.6989, 55.9217, 35.9785**, and if you desaturate by 10%, it is **68.1356, 69.5598, 61.7629**.

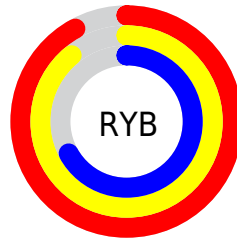
Distribution



Red (92%)

Green (79%)

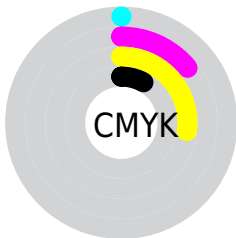
Blue (67%)



Red (92%)

Yellow (89%)

Blue (67%)

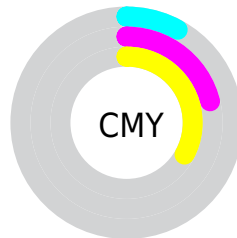


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (8%)



Cyan (8%)


Magenta (21%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5940, 62.4140, 47.7778 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 62.5940, 62.4140, 47.7778 by changing the saturation by 10% instead.


 62.5940, 62.4140,
47.7778

 62.5940, 62.4140,
47.7778


423.7776,
433.4396, 394.3940

 45.7702, 45.3673,
33.2922


 107.6687,
108.3237, 88.2356

 32.2684, 31.7468,
22.0774


136.6503,
137.9554, 115.0449

 21.7231, 21.1682,
13.7150


170.4153,
172.5510, 146.7991

 13.7691, 13.2470,
7.7862

209.3289,
212.4947, 183.9169

 8.0409, 7.5989,
3.8726

253.7566,
258.1711, 226.8167

 4.1731, 3.8394,
1.5557

304.0638,

 1.8005, 1.5841,

309.9644, 275.9172

0.2589

360.6156,
368.2591, 331.6367

■ 0.5180, 0.3469,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5940, 62.4140,
47.7778

■ 62.5940, 62.4140,
47.7778

■ 57.6989, 55.9217,
35.9785

■ 68.1356, 69.5598,
61.7629

■ 53.4185, 50.0543,
26.2486

■ 74.3439, 77.3696,
78.0345

■ 49.7254, 44.7931,
18.4663

■ 81.2442, 85.8645,
96.6916

■ 46.5878, 40.1153,
12.4956

■ 87.0364, 94.3330,
108.2285

■ 43.9702, 35.9962,
8.1826

■ 88.0711, 96.4022,
108.5734

■ 41.8320, 32.4084,
5.3471

■ 40.1229, 29.3201,
3.7600

■ 39.6440, 28.4280,
3.3977

Harmonies

Analogous

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



66.3067, 62.4140, 54.0659



62.5940, 62.4140, 47.7778



58.1686, 62.4140, 46.5439

Triad

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



62.5940, 62.4140, 47.7778



51.2785, 62.4140, 71.3395



64.7024, 62.4140, 89.1006

Complementary

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



62.5940, 62.4140, 47.7778



54.0795, 58.9098, 87.1180

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.



60.4918, 62.4140, 95.1013



62.5940, 62.4140, 47.7778



52.8470, 62.4140, 84.0471

Square

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



62.5940, 62.4140, 47.7778



51.7789, 62.4140, 59.1655



56.1673, 62.4140, 93.1453



67.5657, 62.4140, 77.5816

Rectangle

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



62.5940, 62.4140, 47.7778



55.4334, 62.4140, 48.5895



56.1673, 62.4140, 93.1453



63.3896, 62.4140, 91.8913

Sweetspot

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



62.5956, 62.4169, 47.7791



88.5259, 91.9316, 91.3734



60.2338, 51.6559, 65.6039



18.6985, 19.3651, 18.8967



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.



62.5956, 62.4169, 47.7791



72.1079, 70.8653, 49.6163



70.5222, 78.2699, 50.4213



15.6369, 16.1968, 15.8209



22.1882, 16.0706, 1.9325



1.8376, 1.4524, 0.1835

Inverse Universe

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



54.0795, 58.9098, 87.1180



60.2965, 65.9986, 104.1688



47.3686, 45.4880, 84.8810



14.9045, 15.8955, 19.2048



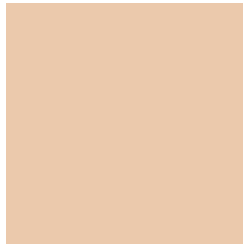
12.6849, 12.0168, 45.3939



1.0922, 1.1358, 3.5965

Previews

White Background



This preview shows how the XYZ color 62.5940, 62.4140, 47.7778 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 62.5940, 62.4140, 47.7778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

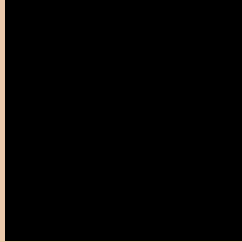
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5940, 62.4140, 47.7778

Background



This preview shows how black text looks on a background with the XYZ color 62.5940, 62.4140, 47.7778.



This preview shows how white text looks on a background with the XYZ color 62.5940, 62.4140,

47.7778.

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

62.5940, 62.4140, 47.7778

Protanopia

58.9641, 62.6262, 49.5378

Deuteranopia

63.4664, 62.1761, 47.6859



Tritanopia

67.4330, 62.7083, 70.1778

Trichromacy



Original Color

62.5940, 62.4140, 47.7778

Protanomaly

60.2118, 62.5659, 48.9473

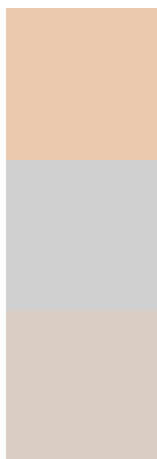
Deuteranomaly

63.3606, 62.4643, 47.7471

Tritanomaly

65.5320, 62.5965, 61.4518

Monochromacy



Original Color

62.5940, 62.4140, 47.7778

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5951, 62.5082, 60.5013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5940, 62.4140, 47.7778 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, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(235, 201, 172)  
}
```

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, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 201, 172) }
```

Border

The CSS property to change the border of an element to XYZ 62.5940, 62.4140, 47.7778 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, 201, 172) }
```


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

```
.border{ border-color:rgb(235, 201, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 201, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(235, 201,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5940, 62.4140, 47.7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 201, 172) }
```

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

```
.background{ background-color: rgb(235,  
201, 172) }
```

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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