

Converting Colors

XYZ(61.1398, 61.8517, 47.4604)

Have a look what the booklet for
XYZ(61.1398, 61.8517, 47.4604)
contains.

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Color

**XYZ(61.1043, 62.0043,
47.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CAAB
RGB	230, 202, 171
RGB Percent	90%, 79%, 67%
CMY	0.0980, 0.2078, 0.3294
CMYK	0.00, 0.12, 0.26, 0.10
HSL	32°, 54%, 79%
HSV	32°, 26%, 90%
XYZ	61.1043, 62.0043, 47.2756
YIQ	206.8380, 26.6390, -3.7050

Conversions

Conversions Part 2

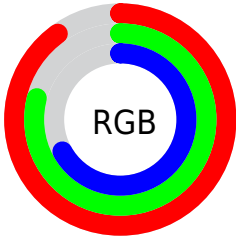
Format	Color
RYB	224, 230, 171
Decimal	15125163
CIELab	82.92, 5.17, 19.10
CIElCh	83, 19.787, 74.846
Yxy	62.0043, 0.3586, 0.3639
Android (android.graphics.Color)	4293315243 (0xFFE6CAAB)
YUV	206.8380, -17.6681, 20.3131
Hunter-Lab	78.7428, 0.7158, 19.5234

Details

The XYZ color **61.1043, 62.0043, 47.2756** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.5005, 55.2164, 82.8065**, and the grayscale version is **59.3033, 62.3917, 67.9446**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **31.3752, 31.5104, 21.8812** is the 20% darker color. If you saturate the color by 10%, you get **56.6296, 56.2631, 35.8928**, and if you desaturate by 10%, it is **66.1449, 68.2660, 60.7304**.

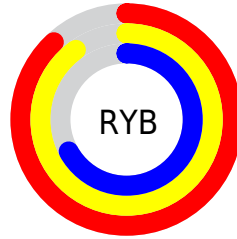
Distribution



Red (90%)

Green (79%)

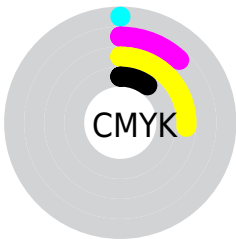
Blue (67%)



Red (88%)

Yellow (90%)

Blue (67%)

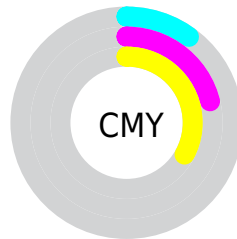


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (10%)



Cyan (10%)


Magenta (21%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1043, 62.0043, 47.2756 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 61.1043, 62.0043, 47.2756 by changing the saturation by 10% instead.

 61.1043, 62.0043,
47.2756

 61.1043, 62.0043,
47.2756


418.4261,
431.9468, 392.3391

 44.5622, 45.0362,
32.8977


 105.5272,
107.7317, 87.4791

 31.3125, 31.4859,
21.7776


134.1387,
137.2599, 114.1418

 20.9899, 20.9691,
13.4968


167.5041,
171.7434, 145.7366

 13.2291, 13.1014,
7.6368

205.9887,
211.5668, 182.6818

 7.6646, 7.4984,
3.7790

249.9578,
257.1145, 225.3962

 3.9311, 3.7757,
1.5049

299.7768,

 1.6632, 1.5489,

308.7707, 274.2981

0.2216

355.8112,
366.9200, 329.8063

■ 0.4331, 0.3228,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1043, 62.0043,
47.2756

■ 61.1043, 62.0043,
47.2756

■ 56.6296, 56.2631,
35.8928

■ 66.1449, 68.2660,
60.7304

■ 52.6924, 51.0186,
26.4730

■ 71.7685, 75.0542,
76.3512

■ 49.2690, 46.2572,
18.9026

■ 77.9973, 82.3857,
94.2306

■ 46.3316, 41.9616,
13.0549

■ 83.5354, 89.7475,
107.5280

■ 43.8491, 38.1127,
8.7870

■ 86.4432, 95.5630,
108.4972

■ 41.7861, 34.6895,
5.9323

■ 40.0993, 31.6676,
4.2862

■ 39.4543, 30.4653,
3.8009

Harmonies

Analogous

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



64.9442, 62.0043, 52.2595



61.1043, 62.0043, 47.2756



56.8558, 62.0043, 47.2498

Triad

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



61.1043, 62.0043, 47.2756



51.3524, 62.0043, 73.7139



64.9110, 62.0043, 85.5811

Complementary

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



61.1043, 62.0043, 47.2756



51.5005, 55.2164, 82.8065

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.



61.0607, 62.0043, 92.8693



61.1043, 62.0043, 47.2756



53.3051, 62.0043, 85.4766

Square

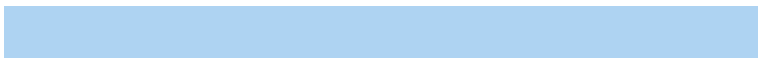
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1043, 62.0043, 47.2756



51.3629, 62.0043, 61.5536



56.8142, 62.0043, 92.8289



67.2131, 62.0043, 73.8433

Rectangle

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



61.1043, 62.0043, 47.2756



54.3682, 62.0043, 50.0048



56.8142, 62.0043, 92.8289



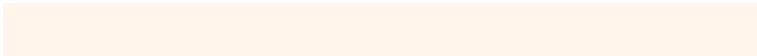
63.7468, 62.0043, 88.6922

Sweetspot

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



61.1059, 62.0071, 47.2769



88.9270, 92.7339, 91.5071



57.5655, 50.0971, 60.9842



18.7994, 19.5670, 18.9303



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.



61.1059, 62.0071, 47.2769



74.0112, 74.2719, 51.4835



67.9662, 76.1949, 49.6538



15.0007, 15.6152, 15.1279



22.4602, 17.4946, 2.1930



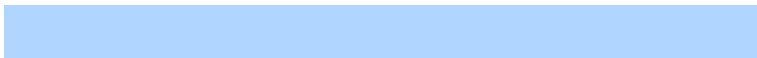
1.7526, 1.4786, 0.1930

Inverse Universe

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



51.5005, 55.2164, 82.8065



59.8530, 64.2639, 103.8573



45.8562, 43.6086, 80.8635



14.1441, 15.0095, 18.2960



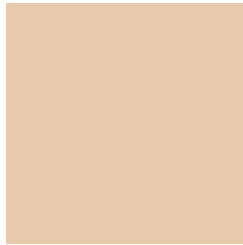
11.3109, 9.6839, 43.6562



0.9283, 0.9005, 3.2569

Previews

White Background



This preview shows how the XYZ color 61.1043, 62.0043, 47.2756 looks on a white background.

Color Contrast Check

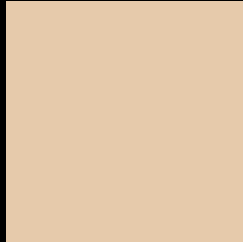
Large Text (above 18pt) WCAG AA × Fail

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 61.1043, 62.0043, 47.2756 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 61.1043, 62.0043, 47.2756

Background



This preview shows how black text looks on a background with the XYZ color 61.1043, 62.0043, 47.2756.



This preview shows how white text looks on a background with the XYZ color 61.1043, 62.0043,

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

61.1043, 62.0043, 47.2756

Protanopia

58.5276, 62.0652, 48.4302

Deuteranopia

63.4664, 62.1761, 47.6859



Tritanopia

65.8845, 61.8955, 70.7619

Trichromacy



Original Color

61.1043, 62.0043, 47.2756

Protanomaly

59.4019, 62.1708, 47.8991

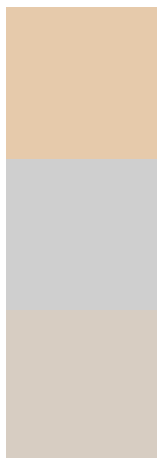
Deuteranomaly

62.6927, 62.1200, 47.7158

Tritanomaly

63.8764, 61.7430, 61.3743

Monochromacy



Original Color

61.1043, 62.0043, 47.2756

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5933, 62.0048, 59.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1043, 62.0043, 47.2756 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(230, 202, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 171)  
}
```

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(230, 202, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 171) }
```

Border

The CSS property to change the border of an element to XYZ 61.1043, 62.0043, 47.2756 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(230, 202, 171) }
```


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

```
.border{ border-color:rgb(230, 202, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 202, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 202, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 202, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 202,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1043, 62.0043, 47.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 171) }
```

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

```
.background{ background-color: rgb(230,  
202, 171) }
```

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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