

Converting Colors

XYZ(62.0000, 60.5117, 47.1130)

Have a look what the booklet for
XYZ(62.0000, 60.5117, 47.1130)
contains.

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Color

**XYZ(62.0157, 60.4247,
46.9226)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC4AB
RGB	237, 196, 171
RGB Percent	93%, 77%, 67%
CMY	0.0706, 0.2313, 0.3294
CMYK	0.00, 0.17, 0.28, 0.07
HSL	23°, 65%, 80%
HSV	23°, 28%, 93%
XYZ	62.0157, 60.4247, 46.9226
YIQ	205.4090, 32.4610, 0.9170

Conversions

Conversions Part 2

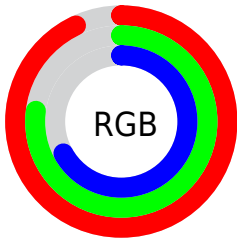
Format	Color
R _Y B	237, 211, 171
Decimal	15582379
CIE Lab	82.07, 10.96, 18.02
CIE LCh	82, 21.088, 58.688
Yxy	60.4247, 0.3662, 0.3568
Android (android.graphics.Color)	4293772459 (0xFFEDC4AB)
YUV	205.4090, -16.9636, 27.7053
Hunter-Lab	77.7333, 6.3741, 18.6238

Details

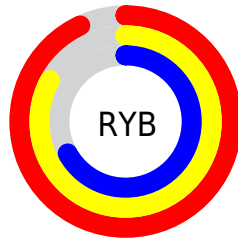
The XYZ color **62.0157, 60.4247, 46.9226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.6235, 61.8575, 89.1291**, and the grayscale version is **58.3804, 61.4207, 66.8871**.

A 20% lighter version of the original color is **90.0927, 97.0015, 85.9263**, and **31.8252, 30.3812, 21.6396** is the 20% darker color. If you saturate the color by 10%, you get **56.7972, 53.2844, 35.0193**, and if you desaturate by 10%, it is **67.9683, 68.3842, 61.0702**.

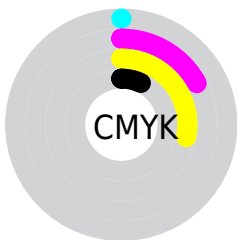
Distribution



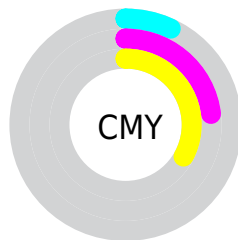
- Red (93%)
- Green (77%)
- Blue (67%)



- Red (93%)
- Yellow (83%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0157, 60.4247, 46.9226 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 62.0157, 60.4247, 46.9226 by changing the saturation by 10% instead.


 62.0157, 60.4247,
46.9226

 62.0157, 60.4247,
46.9226


421.7050,
426.1614, 390.8903

 45.3010, 43.7610,
32.6206


 106.8380,
105.4455, 86.9468

 31.8969, 30.4827,
21.5672


135.6764,
134.5714, 113.5061

 21.4379, 20.2053,
13.3440


169.2867,
168.6203, 144.9883

 13.5588, 12.5443,
7.5323

208.0344,
207.9764, 181.8118

 7.8941, 7.1155,
3.7137

252.2846,
253.0241, 224.3952

 4.0785, 3.5345,
1.4696

302.4029,

 1.7466, 1.4167,

304.1480, 273.1571

0.1952

358.7546,
361.7323, 328.5159

■ 0.4852, 0.2290,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0157, 60.4247,
46.9226

■ 62.0157, 60.4247,
46.9226

■ 56.7972, 53.2844,
35.0193

■ 67.9683, 68.3842,
61.0702

■ 52.2771, 46.9277,
25.2396

■ 74.6792, 77.1806,
77.5669

■ 48.4234, 41.3283,
17.4566

■ 82.1773, 86.8412,
96.5153

■ 45.1997, 36.4552,
11.5285

■ 88.7001, 96.6744,
108.5928

■ 42.5653, 32.2748,
7.2946

■ 88.7352, 96.7446,
108.6045

■ 40.4734, 28.7501,
4.5657

■ 38.8639, 25.8373,
3.0852

■ 38.5637, 25.2816,
2.8473

Harmonies

Analogous

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



65.3069, 60.4247, 54.6688



62.0157, 60.4247, 46.9226



57.6289, 60.4247, 44.1233

Triad

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



62.0157, 60.4247, 46.9226



49.2602, 60.4247, 65.2301



61.6575, 60.4247, 89.8357

Complementary

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



62.0157, 60.4247, 46.9226



55.6235, 61.8575, 89.1291

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.



57.2352, 60.4247, 93.5982



62.0157, 60.4247, 46.9226



50.2168, 60.4247, 78.3305

Square

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



62.0157, 60.4247, 46.9226



50.3970, 60.4247, 53.8103



53.0797, 60.4247, 89.1436



65.0927, 60.4247, 79.4326

Rectangle

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



62.0157, 60.4247, 46.9226



54.7216, 60.4247, 45.1201



53.0797, 60.4247, 89.1436



60.2301, 60.4247, 91.9742

Sweetspot

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



62.0173, 60.4275, 46.9238



88.0277, 90.9352, 91.2073



61.4733, 51.9250, 69.6008



18.5733, 19.1148, 18.8549



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.



62.0173, 60.4275, 46.9238



69.8689, 66.7796, 47.6604



70.0746, 76.5421, 49.6096



15.5331, 15.9893, 15.7863



21.1710, 14.0361, 1.5934



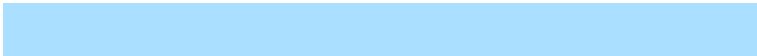
1.7525, 1.2824, 0.1552

Inverse Universe

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



55.6235, 61.8575, 89.1291



61.2313, 68.6999, 104.6409



48.3622, 47.3349, 86.7086



15.0105, 16.1074, 19.2402



14.1903, 15.0277, 45.8957



1.2065, 1.3644, 3.6346

Previews

White Background



This preview shows how the XYZ color 62.0157, 60.4247, 46.9226 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 62.0157, 60.4247, 46.9226 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 62.0157, 60.4247, 46.9226

Background



This preview shows how black text looks on a background with the XYZ color 62.0157, 60.4247, 46.9226.



This preview shows how white text looks on a background with the XYZ color 62.0157, 60.4247,

46.9226.

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

62.0157, 60.4247, 46.9226

Protanopia

57.3551, 60.7279, 49.2562

Deuteranopia

61.6827, 60.2530, 46.9070



Tritanopia

66.0470, 60.4186, 66.5734

Trichromacy



Original Color

62.0157, 60.4247, 46.9226

Protanomaly

58.9581, 60.5173, 48.6180

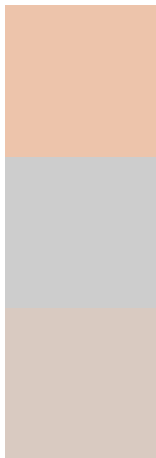
Deuteranomaly

61.6827, 60.2530, 46.9070

Tritanomaly

64.6308, 60.5154, 58.7263

Monochromacy



Original Color

62.0157, 60.4247, 46.9226

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.3614, 60.8430, 59.0673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0157, 60.4247, 46.9226 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(237, 196, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 196, 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(237, 196, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 196, 171) }
```

Border

The CSS property to change the border of an element to XYZ 62.0157, 60.4247, 46.9226 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(237, 196, 171) }
```


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

```
.border{ border-color:rgb(237, 196, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 196, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 196, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 196, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 196,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0157, 60.4247, 46.9226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 196, 171) }
```

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

```
.background{ background-color: rgb(237,  
196, 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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