

Converting Colors

XYZ(52.2913, 46.5635, 42.1272)

Have a look what the booklet for
XYZ(52.2913, 46.5635, 42.1272)
contains.

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Color

**XYZ(52.3802, 46.7215,
42.3338)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E3A7A6 |
| RGB | 227, 167, 166 |
| RGB Percent | 89%, 65%, 65% |
| CMY | 0.1098, 0.3451, 0.3490 |
| CMYK | 0.00, 0.26, 0.27, 0.11 |
| HSL | 1°, 52%, 77% |
| HSV | 1°, 27%, 89% |
| XYZ | 52.3802, 46.7215, 42.3338 |
| YIQ | 184.8260, 36.0810, 12.4090 |

Conversions

Conversions Part 2

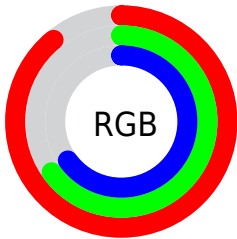
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 227, 167, 166 |
| Decimal | 14919590 |
| CIE Lab | 74.01, 21.95, 9.22 |
| CIE LCh | 74, 23.811, 22.779 |
| Yxy | 46.7215, 0.3703, 0.3303 |
| Android (android.graphics.Color) | 4293109670 (0xFFE3A7A6) |
| YUV | 184.8260, -9.2812, 36.9866 |
| Hunter-Lab | 68.3531, 17.1697, 11.1265 |

Details

The XYZ color **52.3802, 46.7215, 42.3338** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7865, 68.0436, 82.8140**, and the grayscale version is **46.0544, 48.4528, 52.7651**.

A 20% lighter version of the original color is **80.4124, 78.7230, 79.3635**, and **25.7456, 22.0224, 18.8134** is the 20% darker color. If you saturate the color by 10%, you get **46.7359, 38.4762, 31.0698**, and if you desaturate by 10%, it is **59.1006, 56.5303, 55.7708**.

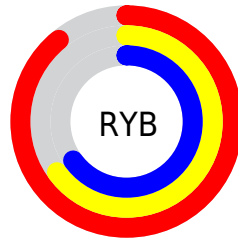
Distribution



Red (89%)

Green (65%)

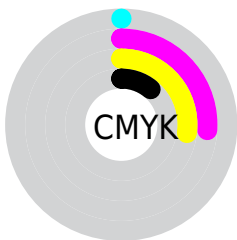
Blue (65%)



Red (89%)

Yellow (65%)

Blue (65%)

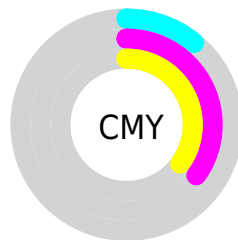


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3802, 46.7215, 42.3338 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 52.3802, 46.7215, 42.3338 by changing the saturation by 10% instead.


 52.3802, 46.7215,
42.3338


 52.3802, 46.7215,
42.3338


386.2025,
373.7018, 371.7052

 37.5337, 32.8155,
29.0352


 92.8626, 85.2978,
79.9801

 25.7966, 21.9852,
18.8617

 119.2293,
110.7369, 105.1649

 16.8034, 13.8460,
11.3946


150.1667,
140.7891, 135.1489

 10.1888, 8.0136,
6.2154

186.0402,
175.8389, 170.3506

 5.5876, 4.1037,
2.9056

227.2152,
216.2707, 211.1885

 2.6342, 1.7317,
1.0466

274.0570,

 0.9634, 0.4441,

262.4689, 258.0812

0.0000

326.9310,
314.8177, 311.4473

■ 0.0000, 0.0000,
0.0000

■ 52.3802, 46.7215,
42.3338

■ 52.3802, 46.7215,
42.3338

■ 46.7359, 38.4762,
31.0698

■ 59.1006, 56.5303,
55.7708

■ 42.1084, 31.7076,
21.8620

■ 66.9450, 67.9705,
71.4833

■ 38.4384, 26.3305,
14.5872

■ 75.9629, 81.1140,
89.5711

■ 35.6587, 22.2481,
9.1076

■ 85.4887, 95.0709,
108.4525

■ 33.6939, 19.3515,
5.2676

■ 32.4557, 17.5141,
2.8850

■ 31.8341, 16.5795,
1.7262

■ 31.7192, 16.4121,
1.4961

Harmonies

Analogous

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



53.0223, 46.7215, 53.8721



52.3802, 46.7215, 42.3338



49.5388, 46.7215, 34.4113

Triad

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



52.3802, 46.7215, 42.3338



38.2098, 46.7215, 37.9819



43.3876, 46.7215, 77.8164

Complementary

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



52.3802, 46.7215, 42.3338



56.7865, 68.0436, 82.8140

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.



39.6432, 46.7215, 71.8883



52.3802, 46.7215, 42.3338



36.7801, 46.7215, 47.9850

Square

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



52.3802, 46.7215, 42.3338



41.3165, 46.7215, 32.1928



37.2877, 46.7215, 60.4868



47.6487, 46.7215, 75.6587

Rectangle

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



52.3802, 46.7215, 42.3338



46.8722, 46.7215, 31.6238



37.2877, 46.7215, 60.4868



42.0306, 46.7215, 76.6750

Sweetspot

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



52.3815, 46.7237, 42.3347



85.8676, 86.6150, 90.4873



59.1803, 49.1499, 79.0410



18.0334, 18.0349, 18.6750



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.



52.3815, 46.7237, 42.3347



64.1017, 54.8529, 46.9475



58.4148, 58.7903, 44.3459



14.3959, 14.4058, 14.9263



18.5069, 9.5880, 0.8753



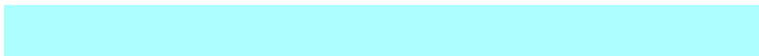
1.3744, 0.7220, 0.0669

Inverse Universe

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



56.7865, 68.0436, 82.8140



70.7050, 86.8156, 107.6383



49.4444, 53.3593, 80.3667



14.7861, 16.2935, 18.5100



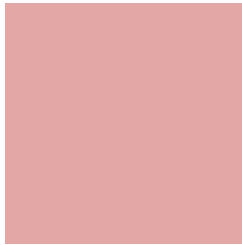
23.5255, 34.1131, 47.7277



1.7450, 2.5339, 3.5291

Previews

White Background



This preview shows how the XYZ color 52.3802, 46.7215, 42.3338 looks on a white background.

Color Contrast Check

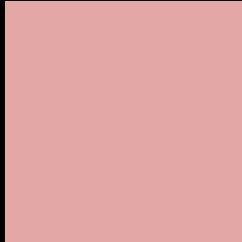
Large Text (above 18pt) WCAG AA × Fail

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 52.3802, 46.7215, 42.3338 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 52.3802, 46.7215, 42.3338

Background



This preview shows how black text looks on a background with the XYZ color 52.3802, 46.7215, 42.3338.



This preview shows how white text looks on a background with the XYZ color 52.3802, 46.7215,

42.3338.

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

52.3802, 46.7215, 42.3338

Protanopia

44.8614, 47.0767, 46.7667

Deuteranopia

47.6798, 46.8528, 41.6525



Tritanopia

53.4859, 46.6186, 48.2988

Trichromacy



Original Color

52.3802, 46.7215, 42.3338

Protanomaly

47.4299, 46.9411, 45.0888

Deuteranomaly

49.4667, 46.8999, 42.0427

Tritanomaly

53.2711, 46.8224, 46.2743

Monochromacy



Original Color

52.3802, 46.7215, 42.3338

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.7757, 47.3345, 48.7379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3802, 46.7215, 42.3338 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(227, 167, 166)` looks like.

```
.text, #text, p{  
    color:rgb(227, 167, 166)  
}
```

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(227, 167, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 167, 166) }
```

Border

The CSS property to change the border of an element to XYZ 52.3802, 46.7215, 42.3338 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(227, 167, 166) }
```


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

```
.border{ border-color:rgb(227, 167, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 167, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 167, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 167, 166); box-shadow:4px 4px 4px 4px rgb(227, 167, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3802, 46.7215, 42.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 167, 166) }
```

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

```
.background{ background-color: rgb(227,  
167, 166) }
```

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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