

Converting Colors

XYZ(52.7032, 44.8002, 40.9915)

Have a look what the booklet for
XYZ(52.7032, 44.8002, 40.9915)
contains.

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Color

**XYZ(52.7032, 44.8002,
40.9915)**

Conversions

Conversions Part 1

Format	Color
Hex	E99FA4
RGB	233, 159, 164
RGB Percent	91%, 62%, 64%
CMY	0.0863, 0.3764, 0.3569
CMYK	0.00, 0.32, 0.30, 0.09
HSL	356°, 63%, 77%
HSV	356°, 32%, 91%
XYZ	52.7032, 44.8002, 40.9915
YIQ	181.6960, 42.4990, 17.2430

Conversions

Conversions Part 2

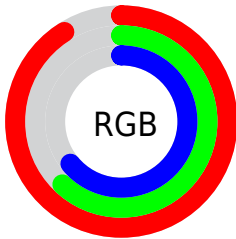
Format	Color
R _Y B	233, 159, 164
Decimal	15310756
CIE Lab	72.76, 28.19, 8.62
CIE LCh	73, 29.476, 17.007
Yxy	44.8002, 0.3805, 0.3235
Android (android.graphics.Color)	4293500836 (0xFFE99FA4)
YUV	181.6960, -8.7241, 44.9936
Hunter-Lab	66.9330, 23.4188, 10.5423

Details

The XYZ color **52.7032, 44.8002, 40.9915** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4425, 71.2511, 84.1276**, and the grayscale version is **44.3289, 46.6374, 50.7881**.

A 20% lighter version of the original color is **78.0728, 74.4676, 77.2766**, and **26.0868, 20.9153, 17.9914** is the 20% darker color. If you saturate the color by 10%, you get **47.2702, 36.8105, 30.3129**, and if you desaturate by 10%, it is **59.2290, 54.4386, 53.6890**.

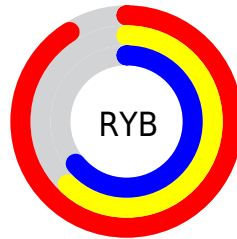
Distribution



Red (91%)

Green (62%)

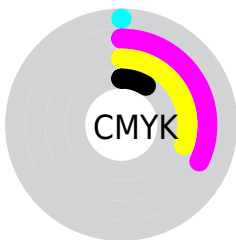
Blue (64%)



Red (91%)

Yellow (62%)

Blue (64%)

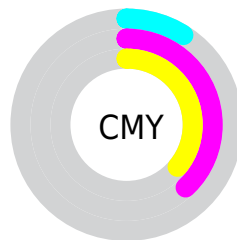


Cyan (0%)

Magenta (32%)

Yellow (30%)

Black (9%)



Cyan (9%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7032, 44.8002, 40.9915 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 52.7032, 44.8002, 40.9915 by changing the saturation by 10% instead.


 52.7032, 44.8002,
40.9915


 52.7032, 44.8002,
40.9915


387.4249,
365.9638, 365.9607

 37.7924, 31.3001,
27.9928

 93.3356, 82.4205,
77.9245

 25.9981, 20.8275,
18.0812


 119.7879,
107.3095, 102.6959

 16.9549, 12.9979,
10.8383

150.8181,
136.7635, 132.2286

 10.2974, 7.4271,
5.8454

186.7916,
171.1671, 166.9412

 5.6604, 3.7306,
2.6840

228.0736,
210.9045, 207.2521

 2.6784, 1.5240,
0.9354

275.0296,

 0.9861, 0.3056,

256.3601, 253.5800

0.0000

328.0249,
307.9184, 306.3433

■ 0.0000, 0.0000,
0.0000

■ 52.7032, 44.8002,
40.9915

■ 52.7032, 44.8002,
40.9915

■ 47.2702, 36.8105,
30.3129

■ 59.2290, 54.4386,
53.6890

■ 42.8668, 30.3712,
21.5468

■ 66.8991, 65.8040,
68.4992

■ 39.4290, 25.3835,
14.5807

■ 75.7659, 78.9776,
85.5132

■ 36.8840, 21.7346,
9.2896

■ 85.8777, 94.0332,
104.8159

■ 35.1487, 19.2951,
5.5324

■ 87.4143, 96.0637,
108.5427

■ 34.1242, 17.9098,
3.1446

■ 33.6958, 17.3603,
2.0546

Harmonies

Analogous

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



52.9091, 44.8002, 55.3957



52.7032, 44.8002, 40.9915



49.6514, 44.8002, 30.9314

Triad

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



52.7032, 44.8002, 40.9915



35.7806, 44.8002, 31.9730



40.4065, 44.8002, 81.7216

Complementary

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



52.7032, 44.8002, 40.9915



57.4425, 71.2511, 84.1276

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.



36.2163, 44.8002, 72.4371



52.7032, 44.8002, 40.9915



33.6933, 44.8002, 42.7129

Square

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



52.7032, 44.8002, 40.9915



39.7671, 44.8002, 26.4857



33.8461, 44.8002, 57.4970



45.5252, 44.8002, 81.0031

Rectangle

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



52.7032, 44.8002, 40.9915



46.5426, 44.8002, 27.1615



33.8461, 44.8002, 57.4970



38.8513, 44.8002, 79.5994

Sweetspot

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



52.7044, 44.8023, 40.9924



83.8530, 83.3578, 87.4355



58.7333, 46.9854, 83.0644



17.6371, 17.3805, 18.1168



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.



52.7044, 44.8023, 40.9924



60.2429, 48.4514, 41.6034



58.2410, 56.5833, 40.6556



15.1067, 15.0705, 15.8472



19.1355, 9.8569, 1.2490



1.5171, 0.7798, 0.1744

Inverse Universe

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



52.7044, 44.8023, 40.9924



60.2429, 48.4514, 41.6034



50.1675, 55.5752, 85.1739



15.1067, 15.0705, 15.8472



19.1355, 9.8569, 1.2490



1.5171, 0.7798, 0.1744

Previews

White Background



This preview shows how the XYZ color 52.7032, 44.8002, 40.9915 looks on a white background.

Color Contrast Check

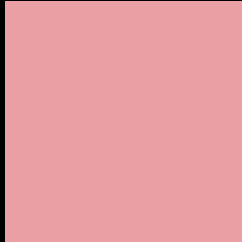
Large Text (above 18pt) WCAG AA × Fail

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 52.7032, 44.8002, 40.9915 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 52.7032, 44.8002, 40.9915

Background



This preview shows how black text looks on a background with the XYZ color 52.7032, 44.8002, 40.9915.



This preview shows how white text looks on a background with the XYZ color 52.7032, 44.8002,

40.9915.

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

52.7032, 44.8002, 40.9915

Protanopia

43.0888, 44.9641, 46.4523

Deuteranopia

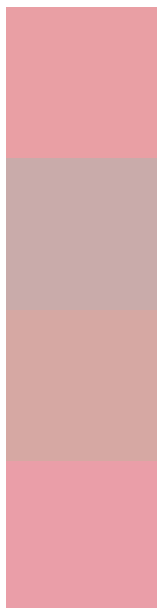
46.0938, 45.1923, 40.4760



Tritanopia

53.4142, 44.8484, 43.8716

Trichromacy



Original Color

52.7032, 44.8002, 40.9915

Protanomaly

45.9060, 44.4456, 44.1896

Deuteranomaly

48.3450, 44.9457, 40.7777

Tritanomaly

53.2264, 44.7733, 42.8826

Monochromacy



Original Color

52.7032, 44.8002, 40.9915

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.9613, 45.7848, 46.9197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7032, 44.8002, 40.9915 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(233, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(233, 159, 164)  
}
```

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(233, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 52.7032, 44.8002, 40.9915 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(233, 159, 164) }
```


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

```
.border{ border-color:rgb(233, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(233, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7032, 44.8002, 40.9915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 159, 164) }
```

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

```
.background{ background-color: rgb(233,  
159, 164) }
```

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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