

Converting Colors

XYZ(52.4766, 43.7097, 28.2252)

Have a look what the booklet for
XYZ(52.4766, 43.7097, 28.2252)
contains.

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Color

**XYZ(52.4766, 43.7097,
28.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	F29A86
RGB	242, 154, 134
RGB Percent	95%, 60%, 53%
CMY	0.0510, 0.3961, 0.4745
CMYK	0.00, 0.36, 0.45, 0.05
HSL	11°, 81%, 74%
HSV	11°, 45%, 95%
XYZ	52.4766, 43.7097, 28.2252
YIQ	178.0320, 58.8680, 12.4360

Conversions

Conversions Part 2

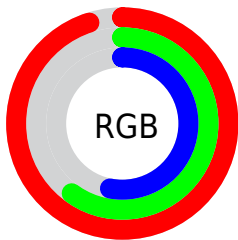
Format	Color
R _Y B	242, 159, 134
Decimal	15899270
CIE Lab	72.03, 30.73, 24.26
CIE LCh	72, 39.150, 38.292
Yxy	43.7097, 0.4218, 0.3513
Android (android.graphics.Color)	4294089350 (0xFFFF29A86)
YUV	178.0320, -21.7078, 56.0999
Hunter-Lab	66.1133, 25.9838, 20.9671

Details

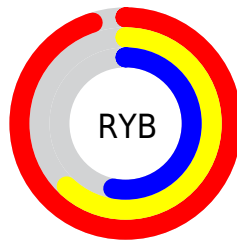
The XYZ color **52.4766, 43.7097, 28.2252** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.9784, 63.7186, 93.5635**, and the grayscale version is **42.4243, 44.6337, 48.6061**.

A 20% lighter version of the original color is **73.0101, 70.4488, 56.7636**, and **25.8800, 20.2101, 10.9244** is the 20% darker color. If you saturate the color by 10%, you get **47.9867, 37.1290, 19.3326**, and if you desaturate by 10%, it is **57.8895, 51.5183, 39.3315**.

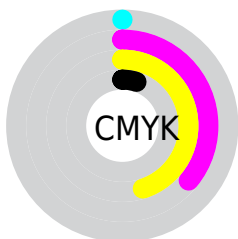
Distribution



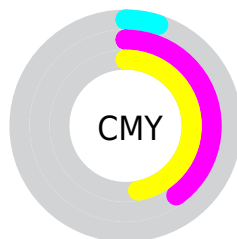
- Red (95%)
- Green (60%)
- Blue (53%)



- Red (95%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4766, 43.7097, 28.2252 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 52.4766, 43.7097, 28.2252 by changing the saturation by 10% instead.


 52.4766, 43.7097,
28.2252


 52.4766, 43.7097,
28.2252


386.5676,
361.5223, 307.4872


 37.6109, 30.4424,
18.2550


 93.0038, 80.7807,
57.8712

 25.8567, 20.1746,
10.9619

 119.3960,
105.3532, 78.3841

 16.8486, 12.5220,
5.9273

 150.3612,
134.4628, 103.2482

 10.2212, 7.1002,
2.7329

186.2645,
168.4940, 132.8822

 5.6093, 3.5249,
0.9599

227.4715,
207.8312, 167.7045

 2.6474, 1.4115,
0.0000

274.3475,

 0.9702, 0.2252,

252.8587, 208.1338

0.0000

327.2577,
303.9609, 254.5885

■ 0.0000, 0.0000,
0.0000

■ 52.4766, 43.7097,
28.2252

■ 52.4766, 43.7097,
28.2252

■ 47.9867, 37.1290,
19.3326

■ 57.8895, 51.5183,
39.3315

■ 44.3636, 31.7068,
12.5019

■ 64.2705, 60.6064,
52.7844

■ 41.5502, 27.3768,
7.5661

■ 71.6657, 71.0309,
68.7092

■ 39.4804, 24.0629,
4.3306

■ 80.1172, 82.8428,
87.2217

■ 38.0768, 21.6788,
2.5584

■ 89.6646, 96.0908,
108.4293

■ 37.5497, 20.7408,
2.0243

■ 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



55.6125, 43.7097, 42.4767



52.4766, 43.7097, 28.2252



46.4849, 43.7097, 20.9217

Triad

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



52.4766, 43.7097, 28.2252



30.7064, 43.7097, 35.2290



43.4269, 43.7097, 94.1270

Complementary

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



52.4766, 43.7097, 28.2252



51.9784, 63.7186, 93.5635

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.



36.9677, 43.7097, 90.6618



52.4766, 43.7097, 28.2252



30.0752, 43.7097, 53.1033

Square

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



52.4766, 43.7097, 28.2252



34.0751, 43.7097, 24.1448



32.2474, 43.7097, 74.2545



50.0332, 43.7097, 82.7430

Rectangle

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



52.4766, 43.7097, 28.2252



41.9293, 43.7097, 19.4567



32.2474, 43.7097, 74.2545



41.1626, 43.7097, 94.7090

Sweetspot

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



52.4777, 43.7119, 28.2260



82.1456, 82.0076, 80.5014



58.3547, 41.2124, 74.1270



17.1574, 16.9566, 16.3062



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.



52.4777, 43.7119, 28.2260



54.2621, 42.1386, 22.1959



63.4282, 65.6128, 31.8762



16.0096, 16.2324, 16.4391



20.2438, 11.2856, 1.1114



1.7493, 1.0693, 0.1142

Inverse Universe

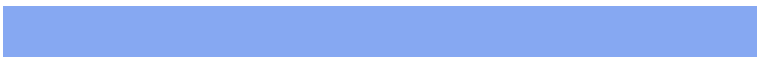
The Inverse Universe completely reimagines the original color for something new.



51.9784, 63.7186, 93.5635



53.5823, 67.3343, 104.7805



39.8984, 39.5586, 89.5368



15.9839, 17.4020, 20.2381



19.4509, 25.1260, 48.9525



1.6819, 2.2178, 4.0936

Previews

White Background



This preview shows how the XYZ color 52.4766, 43.7097, 28.2252 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 52.4766, 43.7097, 28.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

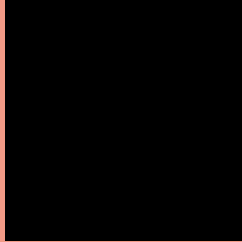
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4766, 43.7097, 28.2252

Background



This preview shows how black text looks on a background with the XYZ color 52.4766, 43.7097, 28.2252.



This preview shows how white text looks on a background with the XYZ color 52.4766, 43.7097,

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

52.4766, 43.7097, 28.2252

Protanopia

41.2497, 44.0227, 32.7087

Deuteranopia

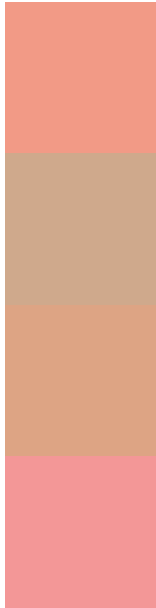
44.7660, 43.9435, 27.5952



Tritanopia

54.6476, 43.6190, 39.2573

Trichromacy



Original Color

52.4766, 43.7097, 28.2252

Protanomaly

44.6537, 43.5348, 30.8605

Deuteranomaly

47.2591, 43.5890, 27.7525

Tritanomaly

53.6147, 43.4223, 34.8337

Monochromacy



Original Color

52.4766, 43.7097, 28.2252

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.7969, 43.4021, 40.1988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4766, 43.7097, 28.2252 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(242, 154, 134)` looks like.

```
.text, #text, p{  
    color:rgb(242, 154, 134)  
}
```

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(242, 154, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 154, 134) }
```

Border

The CSS property to change the border of an element to XYZ 52.4766, 43.7097, 28.2252 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(242, 154, 134) }
```


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

```
.border{ border-color:rgb(242, 154, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 154, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 154, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 154, 134);  
box-shadow:4px 4px 4px 4px rgb(242, 154,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4766, 43.7097, 28.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 154, 134) }
```

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

```
.background{ background-color: rgb(242,  
154, 134) }
```

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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