

Converting Colors

XYZ(52.4982, 44.9875, 27.7463)

Have a look what the booklet for
XYZ(52.4982, 44.9875, 27.7463)
contains.

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Color

**XYZ(52.4982, 44.9875,
27.7463)**

Conversions

Conversions Part 1

Format	Color
Hex	F09F84
RGB	240, 159, 132
RGB Percent	94%, 62%, 52%
CMY	0.0588, 0.3764, 0.4823
CMYK	0.00, 0.34, 0.45, 0.06
HSL	15°, 78%, 73%
HSV	15°, 45%, 94%
XYZ	52.4982, 44.9875, 27.7463
YIQ	180.1410, 56.9430, 8.7750

Conversions

Conversions Part 2

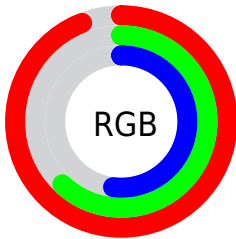
Format	Color
R _{YB}	240, 168, 132
Decimal	15769476
CIE Lab	72.88, 27.12, 26.45
CIE LCh	73, 37.884, 44.282
Yxy	44.9875, 0.4192, 0.3592
Android (android.graphics.Color)	4293959556 (0xFFFF09F84)
YUV	180.1410, -23.7335, 52.4963
Hunter-Lab	67.0727, 22.3357, 22.4241

Details

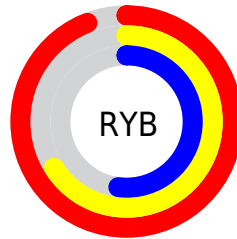
The XYZ color **52.4982, 44.9875, 27.7463** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.0370, 58.7828, 91.1996**, and the grayscale version is **43.5613, 45.8298, 49.9087**.

A 20% lighter version of the original color is **74.0435, 72.8559, 56.0590**, and **25.8367, 20.9483, 10.6643** is the 20% darker color. If you saturate the color by 10%, you get **48.1680, 38.6600, 19.1112**, and if you desaturate by 10%, it is **57.6592, 52.3719, 38.5229**.

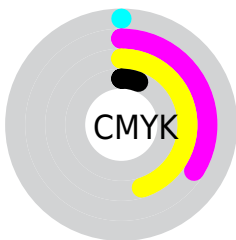
Distribution



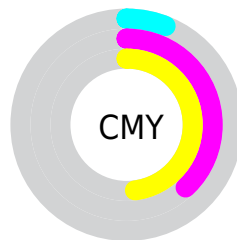
- Red (94%)
- Green (62%)
- Blue (52%)



- Red (94%)
- Yellow (66%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (45%)
- Black (6%)





- Cyan (6%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4982, 44.9875, 27.7463 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 52.4982, 44.9875, 27.7463 by changing the saturation by 10% instead.

 52.4982, 44.9875,
27.7463

 52.4982, 44.9875,
27.7463


386.6494,
366.7229, 305.1264


 37.6282, 31.4476,
17.8971

 93.0354, 82.7017,
57.0974

 25.8702, 20.9399,
10.7075


 119.4334,
107.6447, 77.4363

 16.8587, 13.0801,
5.7588


 150.4047,
137.1575, 102.1090

 10.2285, 7.4837,
2.6326


186.3148,
171.6246, 131.5338

 5.6141, 3.7664,
0.9092

227.5289,
211.4303, 166.1295

 2.6503, 1.5438,
0.0000

274.4125,

 0.9717, 0.3192,

256.9590, 206.3144

0.0000

327.3309,
308.5950, 252.5072

■ 0.0000, 0.0000,
0.0000

■ 52.4982, 44.9875,
27.7463

■ 52.4982, 44.9875,
27.7463

■ 48.1680, 38.6600,
19.1112

■ 57.6592, 52.3719,
38.5229

■ 44.6195, 33.3335,
12.4701

■ 63.6895, 60.8526,
51.5697

■ 41.8034, 28.9567,
7.6611

■ 70.6293, 70.4748,
67.0080

■ 39.6627, 25.4709,
4.4951

■ 78.5153, 81.2795,
84.9501

■ 38.1304, 22.8096,
2.7409

■ 87.3818, 93.3052,
105.5007

■ 37.5516, 21.7582,
2.2206

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



56.2672, 44.9875, 40.5575



52.4982, 44.9875, 27.7463



46.2884, 44.9875, 21.6762

Triad

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



52.4982, 44.9875, 27.7463



31.6745, 44.9875, 39.7869



45.9654, 44.9875, 93.2953

Complementary

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



52.4982, 44.9875, 27.7463



49.0370, 58.7828, 91.1996

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.



39.4142, 44.9875, 92.9336



52.4982, 44.9875, 27.7463



31.6072, 44.9875, 58.5030

Square

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



52.4982, 44.9875, 27.7463



34.5005, 44.9875, 27.3078



34.3060, 44.9875, 78.9763



52.2408, 44.9875, 79.8650

Rectangle

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



52.4982, 44.9875, 27.7463



41.8192, 44.9875, 20.9544



34.3060, 44.9875, 78.9763



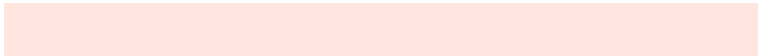
43.7133, 44.9875, 94.8734

Sweetspot

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



52.4993, 44.9897, 27.7472



82.7403, 83.1970, 80.6996



56.1968, 39.8323, 67.6774



17.3025, 17.2469, 16.3546



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.



52.4993, 44.9897, 27.7472



55.6533, 44.9210, 22.6596



63.8944, 67.7798, 31.5455



16.0939, 16.4009, 16.4672



20.6449, 12.0879, 1.2451



1.7939, 1.1585, 0.1291

Inverse Universe

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



49.0370, 58.7828, 91.1996



51.1690, 62.5078, 103.9761



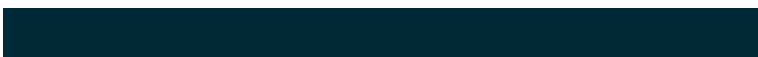
37.6424, 35.9935, 87.4014



15.8932, 17.2205, 20.2078



17.6540, 21.5323, 48.3536



1.5468, 1.9476, 4.0486

Previews

White Background



This preview shows how the XYZ color 52.4982, 44.9875, 27.7463 looks on a white background.

Color Contrast Check

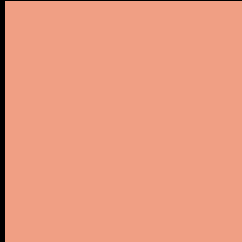
Large Text (above 18pt) WCAG AA × Fail

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 52.4982, 44.9875, 27.7463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

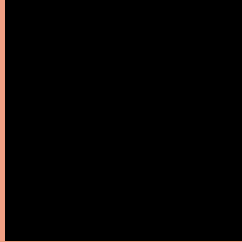
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4982, 44.9875, 27.7463

Background



This preview shows how black text looks on a background with the XYZ color 52.4982, 44.9875, 27.7463.



This preview shows how white text looks on a background with the XYZ color 52.4982, 44.9875,

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

52.4982, 44.9875, 27.7463

Protanopia

42.4137, 45.2397, 31.6960

Deuteranopia

46.2224, 45.2629, 27.4195



Tritanopia

55.4007, 44.9191, 41.8267

Trichromacy



Original Color

52.4982, 44.9875, 27.7463

Protanomaly

45.6345, 44.8953, 30.3052

Deuteranomaly

48.3469, 44.9641, 27.6035

Tritanomaly

54.3392, 44.9873, 36.3913

Monochromacy



Original Color

52.4982, 44.9875, 27.7463

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.7205, 44.7059, 40.8697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4982, 44.9875, 27.7463 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(240, 159, 132)` looks like.

```
.text, #text, p{  
    color:rgb(240, 159, 132)  
}
```

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(240, 159, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 159, 132) }
```

Border

The CSS property to change the border of an element to XYZ 52.4982, 44.9875, 27.7463 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(240, 159, 132) }
```


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

```
.border{ border-color:rgb(240, 159, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 159, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 159, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 159, 132);  
box-shadow:4px 4px 4px 4px rgb(240, 159,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4982, 44.9875, 27.7463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 159, 132) }
```

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

```
.background{ background-color: rgb(240,  
159, 132) }
```

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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