

Converting Colors

XYZ(52.6474, 44.8475, 27.3653)

Have a look what the booklet for
XYZ(52.6474, 44.8475, 27.3653)
contains.

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Color

**XYZ(52.5992, 44.7932,
27.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	F19E83
RGB	241, 158, 131
RGB Percent	95%, 62%, 51%
CMY	0.0549, 0.3804, 0.4863
CMYK	0.00, 0.34, 0.46, 0.05
HSL	15°, 80%, 73%
HSV	15°, 46%, 95%
XYZ	52.5992, 44.7932, 27.3464
YIQ	179.7390, 58.1350, 9.1990

Conversions

Conversions Part 2

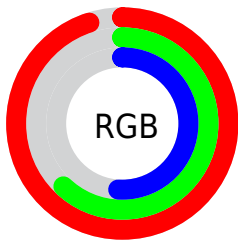
Format	Color
R_{YB}	241, 167, 131
Decimal	15834755
CIE _{Lab}	72.76, 27.94, 26.84
CIE _{LCh}	73, 38.741, 43.854
Yxy	44.7932, 0.4217, 0.3591
Android (android.graphics.Color)	4294024835 (0xFFFF19E83)
YUV	179.7390, -24.0283, 53.7259
Hunter-Lab	66.9277, 23.1615, 22.6237

Details

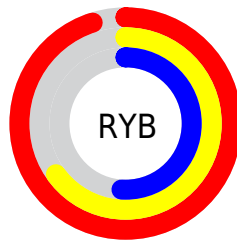
The XYZ color **52.5992, 44.7932, 27.3464** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.2826, 59.2666, 92.0609**, and the grayscale version is **43.3464, 45.6038, 49.6626**.

A 20% lighter version of the original color is **73.6860, 72.3092, 55.4208**, and **25.9306, 20.8472, 10.4418** is the 20% darker color. If you saturate the color by 10%, you get **48.2765, 38.4647, 18.7627**, and if you desaturate by 10%, it is **57.7630, 52.1959, 38.0854**.

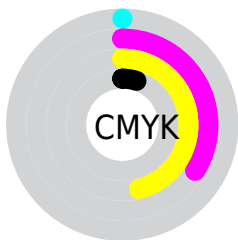
Distribution



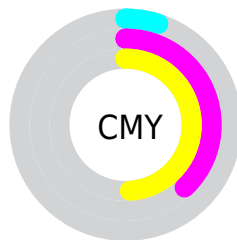
- Red (95%)
- Green (62%)
- Blue (51%)



- Red (95%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5992, 44.7932, 27.3464 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 52.5992, 44.7932, 27.3464 by changing the saturation by 10% instead.


 52.5992, 44.7932,
27.3464


 52.5992, 44.7932,
27.3464


387.0316,
365.9354, 303.1435

 37.7091, 31.2946,
17.5988


 93.1833, 82.4100,
56.4497

 25.9332, 20.8233,
10.4959


 119.6081,
107.2970, 76.6425

 16.9061, 12.9949,
5.6191


 150.6084,
136.7488, 101.1541

 10.2624, 7.4250,
2.5499

186.5497,
171.1500, 130.4031

 5.6369, 3.7293,
0.8664

227.7974,
210.8848, 164.8080

 2.6641, 1.5233,
0.0000

274.7166,

 0.9787, 0.3051,

256.3377, 204.7873

0.0000

327.6729,
307.8931, 250.7597

■ 0.0000, 0.0000,
0.0000

■ 52.5992, 44.7932,
27.3464

■ 52.5992, 44.7932,
27.3464

■ 48.2765, 38.4647,
18.7627

■ 57.7630, 52.1959,
38.0854

■ 44.7446, 33.1530,
12.1844

■ 63.8075, 60.7134,
51.1105

■ 41.9530, 28.8050,
7.4459

■ 70.7738, 70.3925,
66.5453

■ 39.8431, 25.3599,
4.3542

■ 78.6992, 81.2752,
84.5035

■ 38.3456, 22.7488,
2.6716

■ 87.6191, 93.4012,
105.0918

■ 37.8481, 21.8458,
2.2219

■ 90.0855, 97.4407,
108.6677

Harmonies

Analogous

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



56.4077, 44.7932, 40.4291



52.5992, 44.7932, 27.3464



46.2736, 44.7932, 21.1420

Triad

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



52.5992, 44.7932, 27.3464



31.3199, 44.7932, 39.1795



45.7474, 44.7932, 94.3018

Complementary

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



52.5992, 44.7932, 27.3464



49.2826, 59.2666, 92.0609

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.



39.0781, 44.7932, 93.7080



52.5992, 44.7932, 27.3464



31.2109, 44.7932, 58.1907

Square

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



52.5992, 44.7932, 27.3464



34.2274, 44.7932, 26.6403



33.9122, 44.7932, 79.2010



52.1792, 44.7932, 80.6571

Rectangle

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



52.5992, 44.7932, 27.3464



41.7111, 44.7932, 20.3629



33.9122, 44.7932, 79.2010



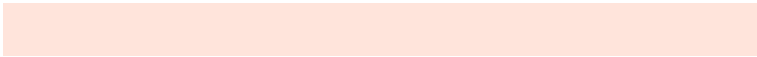
43.4499, 44.7932, 95.8527

Sweetspot

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



52.6003, 44.7954, 27.3473



81.8269, 81.9126, 78.7231



56.7006, 39.8571, 69.2196



17.1199, 16.9883, 15.9648



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.



52.6003, 44.7954, 27.3473



55.0964, 44.0447, 21.7419



63.8326, 67.2600, 31.0914



16.0880, 16.3891, 16.4652



20.6127, 12.0235, 1.2344



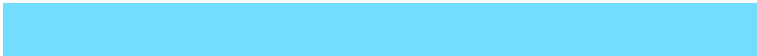
1.7905, 1.1516, 0.1279

Inverse Universe

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



49.2826, 59.2666, 92.0609



50.8299, 62.3329, 103.9602



37.8663, 36.4339, 88.2555



15.8995, 17.2332, 20.2099



17.7738, 21.7719, 48.3935



1.5559, 1.9657, 4.0516

Previews

White Background



This preview shows how the XYZ color 52.5992, 44.7932, 27.3464 looks on a white background.

Color Contrast Check

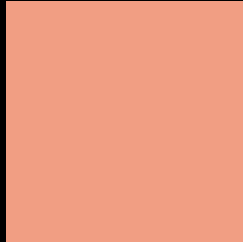
Large Text (above 18pt) WCAG AA × Fail

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 52.5992, 44.7932, 27.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

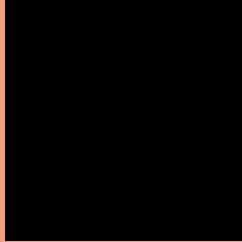
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5992, 44.7932, 27.3464

Background



This preview shows how black text looks on a background with the XYZ color 52.5992, 44.7932, 27.3464.



This preview shows how white text looks on a background with the XYZ color 52.5992, 44.7932,

27.3464.

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

52.5992, 44.7932, 27.3464

Protanopia

42.3396, 45.2100, 31.3058

Deuteranopia

45.6106, 44.6814, 26.6425



Tritanopia

55.4910, 44.7322, 41.3068

Trichromacy



Original Color

52.5992, 44.7932, 27.3464

Protanomaly

45.3728, 44.4873, 29.8624

Deuteranomaly

48.0301, 44.5454, 26.8355

Tritanomaly

54.4333, 44.7973, 35.9148

Monochromacy



Original Color

52.5992, 44.7932, 27.3464

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.6312, 44.6702, 40.3996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5992, 44.7932, 27.3464 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(241, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(241, 158, 131)  
}
```

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(241, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 158, 131) }
```

Border

The CSS property to change the border of an element to XYZ 52.5992, 44.7932, 27.3464 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(241, 158, 131) }
```


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

```
.border{ border-color:rgb(241, 158, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 158, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 158, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 158, 131);  
box-shadow:4px 4px 4px 4px rgb(241, 158,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5992, 44.7932, 27.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 158, 131) }
```

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

```
.background{ background-color: rgb(241,  
158, 131) }
```

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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