

Converting Colors

XYZ(52.3154, 40.0194, 26.2682)

Have a look what the booklet for
XYZ(52.3154, 40.0194, 26.2682)
contains.

XYZ(52.2521, 39.9554, 26.4309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.2521, 39.9554,
26.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	F98A83
RGB	249, 138, 131
RGB Percent	98%, 54%, 51%
CMY	0.0235, 0.4588, 0.4863
CMYK	0.00, 0.45, 0.47, 0.02
HSL	4°, 91%, 75%
HSV	4°, 47%, 98%
XYZ	52.2521, 39.9554, 26.4309
YIQ	170.3910, 68.4030, 21.3550

Conversions

Conversions Part 2

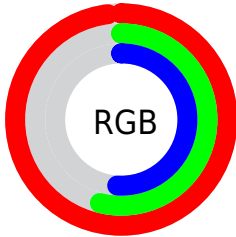
Format	Color
R _Y B	249, 138, 131
Decimal	16353923
CIE Lab	69.44, 41.33, 22.54
CIE LCh	69, 47.081, 28.610
Yxy	39.9554, 0.4404, 0.3368
Android (android.graphics.Color)	4294544003 (0xFFFF98A83)
YUV	170.3910, -19.4198, 68.9401
Hunter-Lab	63.2103, 36.9371, 19.4555

Details

The XYZ color **52.2521, 39.9554, 26.4309** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.2092, 75.1652, 101.0626**, and the grayscale version is **38.4748, 40.4785, 44.0811**.

A 20% lighter version of the original color is **68.9617, 62.8606, 53.8460**, and **25.7578, 17.9250, 10.0849** is the 20% darker color. If you saturate the color by 10%, you get **47.7572, 33.3496, 17.5833**, and if you desaturate by 10%, it is **57.8791, 48.1765, 37.6570**.

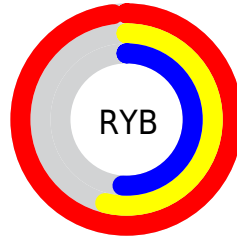
Distribution



Red (98%)

Green (54%)

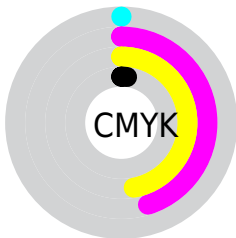
Blue (51%)



Red (98%)

Yellow (54%)

Blue (51%)

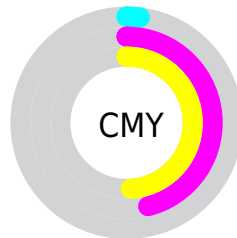


Cyan (0%)

Magenta (45%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (46%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2521, 39.9554, 26.4309 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 52.2521, 39.9554, 26.4309 by changing the saturation by 10% instead.


 52.2521, 39.9554,
26.4309


 52.2521, 39.9554,
26.4309


385.7171,
345.9356, 298.5635

 37.4311, 27.5038,
16.9176


 92.6750, 75.0956,
54.9619

 25.7167, 17.9519,
10.0144

 119.0076, 98.5529,
74.8167

 16.7434, 10.9155,
5.3028


 149.9081,
126.4477, 98.9557

 10.1459, 6.0100,
2.3642

185.7419,
159.1641, 127.7975

 5.5588, 2.8512,
0.7668

226.8744,
197.0868, 161.7606

 2.6168, 1.0545,
0.0000

273.6708,

 0.9545, 0.0000,

240.6000, 201.2637

0.0000

326.4966,
290.0881, 246.7251

■ 0.0000, 0.0000,
0.0000

■ 52.2521, 39.9554,
26.4309

■ 52.2521, 39.9554,
26.4309

■ 47.7572, 33.3496,
17.5833

■ 57.8791, 48.1765,
37.6570

■ 44.3147, 28.2471,
10.9408

■ 64.7045, 58.1030,
51.4138

■ 41.8396, 24.5313,
6.3100

■ 72.7933, 69.8258,
67.8433

■ 40.2321, 22.0661,
3.4629

■ 82.2046, 83.4274,
87.0766

■ 39.3687, 20.6866,
2.1046

■ 92.8768, 98.8797,
108.7983

■ 39.2346, 20.4752,
1.8842

Harmonies

Analogous

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



54.4778, 39.9554, 44.5240



52.2521, 39.9554, 26.4309



46.0792, 39.9554, 16.7275

Triad

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



52.2521, 39.9554, 26.4309



26.8503, 39.9554, 25.1939



37.6243, 39.9554, 99.9502

Complementary

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



52.2521, 39.9554, 26.4309



58.2092, 75.1652, 101.0626

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.



30.8839, 39.9554, 89.7128



52.2521, 39.9554, 26.4309



25.1971, 39.9554, 42.5009

Square

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



52.2521, 39.9554, 26.4309



31.4200, 39.9554, 16.1983



26.5710, 39.9554, 66.6926



45.3868, 39.9554, 91.3616

Rectangle

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



52.2521, 39.9554, 26.4309



40.9260, 39.9554, 14.0863



26.5710, 39.9554, 66.6926



35.1721, 39.9554, 98.5479

Sweetspot

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



52.2531, 39.9574, 26.4316



80.0331, 78.3251, 78.1251



63.3759, 42.8496, 89.8035



16.6889, 16.1262, 15.8211



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.



52.2531, 39.9574, 26.4316



50.5469, 35.4012, 18.8211



62.8810, 61.2132, 29.9743



17.3273, 17.3905, 17.9058



21.0339, 11.0245, 1.0193



1.9762, 1.0773, 0.1038

Inverse Universe

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



58.2092, 75.1652, 101.0626



57.5053, 76.6493, 106.3717



43.6204, 45.9876, 96.1996



17.6724, 19.4216, 22.2026



24.9730, 35.3016, 53.4712



2.3390, 3.3216, 4.9610

Previews

White Background



This preview shows how the XYZ color 52.2521, 39.9554, 26.4309 looks on a white background.

Color Contrast Check

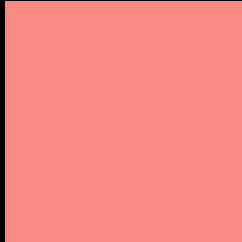
Large Text (above 18pt) WCAG AA × Fail

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 52.2521, 39.9554, 26.4309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

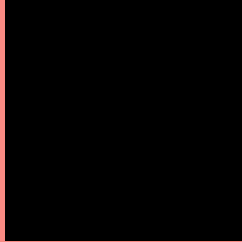
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2521, 39.9554, 26.4309

Background



This preview shows how black text looks on a background with the XYZ color 52.2521, 39.9554, 26.4309.



This preview shows how white text looks on a background with the XYZ color 52.2521, 39.9554,

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

52.2521, 39.9554, 26.4309

Protanopia

38.1534, 40.4085, 32.9828

Deuteranopia

41.0154, 40.1442, 25.6655



Tritanopia

53.4168, 40.0076, 32.1010

Trichromacy



Original Color

52.2521, 39.9554, 26.4309

Protanomaly

41.9364, 39.2142, 30.5581

Deuteranomaly

44.3653, 39.5751, 25.7225

Tritanomaly

53.1777, 40.1384, 30.1440

Monochromacy



Original Color

52.2521, 39.9554, 26.4309

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.7808, 38.9961, 36.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2521, 39.9554, 26.4309 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(249, 138, 131)` looks like.

```
.text, #text, p{  
    color:rgb(249, 138, 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(249, 138, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 138, 131) }
```

Border

The CSS property to change the border of an element to XYZ 52.2521, 39.9554, 26.4309 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(249, 138, 131) }
```


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

```
.border{ border-color:rgb(249, 138, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 138, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 138, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 138, 131);  
box-shadow:4px 4px 4px 4px rgb(249, 138,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2521, 39.9554, 26.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 138, 131) }
```

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

```
.background{ background-color: rgb(249,  
138, 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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